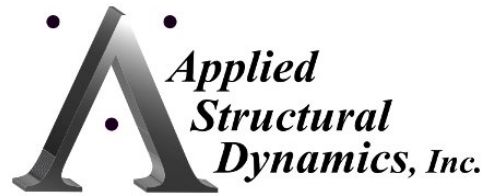


ASD/CMS v2.4.5

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User Name : majed
Host Name : majed-laptop

ID : DMM-2008-07-0014G
Name : ICC-V-IA
Description: ICC-V Integrated Assembly (IA): Liftoff & Abort Landing

I N T E G R A T E D C O M P O N E N T P R O P E R T I E S

ID : DMM-2008-07-0014G
Name : ICC-V-IA
Description : ICC-V Integrated Assembly (IA): Liftoff & Abort Landing
Transformation : Craig-Bampton
Truncate : Yes
Truncation Frequency: 150.000 Hz
Additional Modes : 0
B-Set DOFs : 1:1,56-61
C-Set DOFs : <not specified>

C O M P O N E N T D E S C R I P T I O N T A B L E

No.	Component ID	Description	A-Set	B-Set	C-Set	Q-Set
1	DMM-2008-07-0018G	Updated ICC-V Staged Model (Corrected Keel Pin Location)	135	7	78	50
2	DMM-2008-05-0001G	Generic - Battery	72	9	0	63
3	DMM-2008-05-0002G-05	Generic - Battery	72	9	0	63
4	DMM-2008-05-0003G-06	Generic - Battery	72	9	0	63
5	DMM-2008-05-0004G-03	Generic - Battery	72	9	0	63
6	DMM-2008-05-0005G-02	Generic - Battery	72	9	0	63
7	DMM-2008-05-0006G-01	Generic - Battery	72	9	0	63
8	DMM-2008-07-0011G	Pump Module Integrated Assembly (IA)	51	8	0	43
9	DMM-2008-07-0012G	LDU Integrated Assembly (IA)	30	8	0	22
10	DMM-2008-07-0013G	SGANT Integrated Assembly (IA)	44	8	0	36

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-07-0018G A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-2	6299-1	13067-1	13083-1	13115-1	13545-1	13545-2	13576-1	16250-1	16250-2	= 10
11 =	23028-1	23044-1	23076-1	23506-1	23537-1	23537-2	37940-1	37940-2	38067-1	38323-1	= 20
21 =	38323-2	45767-1	45890-1	45890-2	46151-1	53578-1	53578-3	53701-1	53701-3	53956-1	= 30
31 =	53956-3	61404-1	61404-3	61527-1	61527-3	61788-1	61788-3	62589-1	62774-1	63043-1	= 40
41 =	63043-3	63343-1	63343-3	63345-1	63645-1	63942-1	63942-3	64244-1	64244-3	64246-1	= 50
51 =	64540-1	64814-1	64814-3	65003-1	65003-3	111869-3	111885-1	111885-3	113369-3	113385-1	= 60
61 =	113385-3	150301-1	150301-2	150302-1	150303-2	150311-3	150312-3	150313-3	150314-3	160301-1	= 70
71 =	160301-2	160302-1	160303-2	160311-3	160312-3	160313-3	160314-3	170301-1	170301-2	170302-1	= 80
81 =	170303-2	170311-3	170312-3	170313-3	170314-3	90001001-0	90001002-0	90001003-0	90001004-0	90001005-0	= 90
91 =	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	90001011-0	90001012-0	90001013-0	90001014-0	90001015-0	= 100
101 =	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	90001021-0	90001022-0	90001023-0	90001024-0	90001025-0	= 110
111 =	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	90001031-0	90001032-0	90001033-0	90001034-0	90001035-0	= 120
121 =	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	90001041-0	90001042-0	90001043-0	90001044-0	90001045-0	= 130
131 =	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0						

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0001G A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0002G-05 A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0003G-06 A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0004G-03 A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0005G-02 A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-05-0006G-01 A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	999010-0 =	10
11 =	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0 =	20
21 =	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0 =	30
31 =	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0 =	40
41 =	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0 =	50
51 =	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0 =	60
61 =	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0 =	70
71 =	999071-0	999072-0									

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-07-0011G A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10		
1 =	29047-2	29048-1	29048-2	29050-1	40016-3	40030-3	40515-3	40516-3	700001-0	700002-0	=	10
11 =	700003-0	700004-0	700005-0	700006-0	700007-0	700008-0	700009-0	700010-0	700011-0	700012-0	=	20
21 =	700013-0	700014-0	700015-0	700016-0	700017-0	700018-0	700019-0	700020-0	700021-0	700022-0	=	30
31 =	700023-0	700024-0	700025-0	700026-0	700027-0	700028-0	700029-0	700030-0	700031-0	700032-0	=	40
41 =	700033-0	700034-0	700035-0	700036-0	700037-0	700038-0	700039-0	700040-0	700041-0	700042-0	=	50
51 =	700043-0											

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-07-0012G A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3	200001-0	200002-0 =	10
11 =	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0 =	20
21 =	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0 =	30

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

DMM-2008-07-0013G A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10		
1 =	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3	200001-0	200002-0	=	10
11 =	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0	=	20
21 =	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0	=	30
31 =	200023-0	200024-0	200025-0	200026-0	200027-0	200028-0	200029-0	200030-0	200031-0	200032-0	=	40
41 =	200033-0	200034-0	200035-0	200036-0								

C O N S T R A I N T S S U M M A R Y T A B L E

No.	Component ID	GRID-C	A-Set	MPC	Component ID	GRID-C	A-Set	Sign	-Limit	+Limit
1	- DMM-2008-07-0018G	53578-1	26	N	DMM-2008-05-0001G	2183-3	7	+1.0		
2	- DMM-2008-07-0018G	53578-3	27	N	DMM-2008-05-0001G	2183-2	6	-1.0		
3	- DMM-2008-07-0018G	53701-1	28	N	DMM-2008-05-0001G	653-3	2	+1.0		
4	- DMM-2008-07-0018G	53701-3	29	N	DMM-2008-05-0001G	653-2	1	-1.0		
5	- DMM-2008-07-0018G	13067-1	3	N	DMM-2008-05-0001G	2184-3	8	+1.0		
6	- DMM-2008-07-0018G	13083-1	4	N	DMM-2008-05-0001G	654-3	3	+1.0		
7	- DMM-2008-07-0018G	6299-1	2	N	DMM-2008-05-0001G	2185-3	9	+1.0		
8	- DMM-2008-07-0018G	13545-1	6	N	DMM-2008-05-0001G	655-3	5	+1.0		
9	- DMM-2008-07-0018G	13545-2	7	N	DMM-2008-05-0001G	655-1	4	-1.0		
10	- DMM-2008-07-0018G	53956-1	30	N	DMM-2008-05-0002G-05	2183-3	7	+1.0		
11	- DMM-2008-07-0018G	53956-3	31	N	DMM-2008-05-0002G-05	2183-2	6	-1.0		
12	- DMM-2008-07-0018G	61788-1	36	N	DMM-2008-05-0002G-05	653-3	2	+1.0		
13	- DMM-2008-07-0018G	61788-3	37	N	DMM-2008-05-0002G-05	653-2	1	-1.0		
14	- DMM-2008-07-0018G	13115-1	5	N	DMM-2008-05-0002G-05	2184-3	8	+1.0		
15	- DMM-2008-07-0018G	23076-1	13	N	DMM-2008-05-0002G-05	654-3	3	+1.0		
16	- DMM-2008-07-0018G	13576-1	8	N	DMM-2008-05-0002G-05	2185-3	9	+1.0		
17	- DMM-2008-07-0018G	23537-1	15	N	DMM-2008-05-0002G-05	655-3	5	+1.0		
18	- DMM-2008-07-0018G	23537-2	16	N	DMM-2008-05-0002G-05	655-1	4	-1.0		
19	- DMM-2008-07-0018G	61527-1	34	N	DMM-2008-05-0003G-06	2183-3	7	+1.0		
20	- DMM-2008-07-0018G	61527-3	35	N	DMM-2008-05-0003G-06	2183-2	6	-1.0		
21	- DMM-2008-07-0018G	61404-1	32	N	DMM-2008-05-0003G-06	653-3	2	+1.0		
22	- DMM-2008-07-0018G	61404-3	33	N	DMM-2008-05-0003G-06	653-2	1	-1.0		
23	- DMM-2008-07-0018G	23044-1	12	N	DMM-2008-05-0003G-06	2184-3	8	+1.0		
24	- DMM-2008-07-0018G	23028-1	11	N	DMM-2008-05-0003G-06	654-3	3	+1.0		
25	- DMM-2008-07-0018G	23506-1	14	N	DMM-2008-05-0003G-06	2185-3	9	+1.0		
26	- DMM-2008-07-0018G	16250-1	9	N	DMM-2008-05-0003G-06	655-3	5	+1.0		
27	- DMM-2008-07-0018G	16250-2	10	N	DMM-2008-05-0003G-06	655-1	4	-1.0		
28	- DMM-2008-07-0018G	63043-1	40	N	DMM-2008-05-0004G-03	2183-3	7	+1.0		
29	- DMM-2008-07-0018G	63043-3	41	N	DMM-2008-05-0004G-03	2183-2	6	+1.0		
30	- DMM-2008-07-0018G	63343-1	42	N	DMM-2008-05-0004G-03	653-3	2	+1.0		
31	- DMM-2008-07-0018G	63343-3	43	N	DMM-2008-05-0004G-03	653-2	1	+1.0		
32	- DMM-2008-07-0018G	62589-1	38	N	DMM-2008-05-0004G-03	2184-3	8	+1.0		
33	- DMM-2008-07-0018G	62774-1	39	N	DMM-2008-05-0004G-03	654-3	3	+1.0		
34	- DMM-2008-07-0018G	45767-1	22	N	DMM-2008-05-0004G-03	2185-3	9	+1.0		
35	- DMM-2008-07-0018G	45890-1	23	N	DMM-2008-05-0004G-03	655-3	5	+1.0		
36	- DMM-2008-07-0018G	45890-2	24	N	DMM-2008-05-0004G-03	655-1	4	+1.0		
37	- DMM-2008-07-0018G	64814-1	52	N	DMM-2008-05-0006G-01	2183-3	7	+1.0		
38	- DMM-2008-07-0018G	64814-3	53	N	DMM-2008-05-0006G-01	2183-2	6	+1.0		
39	- DMM-2008-07-0018G	65003-1	54	N	DMM-2008-05-0006G-01	653-3	2	+1.0		
40	- DMM-2008-07-0018G	65003-3	55	N	DMM-2008-05-0006G-01	653-2	1	+1.0		
41	- DMM-2008-07-0018G	64246-1	50	N	DMM-2008-05-0006G-01	2184-3	8	+1.0		
42	- DMM-2008-07-0018G	64540-1	51	N	DMM-2008-05-0006G-01	654-3	3	+1.0		
43	- DMM-2008-07-0018G	38067-1	19	N	DMM-2008-05-0006G-01	2185-3	9	+1.0		
44	- DMM-2008-07-0018G	37940-1	17	N	DMM-2008-05-0006G-01	655-3	5	+1.0		
45	- DMM-2008-07-0018G	37940-2	18	N	DMM-2008-05-0006G-01	655-1	4	+1.0		
46	- DMM-2008-07-0018G	63942-1	46	N	DMM-2008-05-0005G-02	2183-3	7	+1.0		
47	- DMM-2008-07-0018G	63942-3	47	N	DMM-2008-05-0005G-02	2183-2	6	+1.0		
48	- DMM-2008-07-0018G	64244-1	48	N	DMM-2008-05-0005G-02	653-3	2	+1.0		
49	- DMM-2008-07-0018G	64244-3	49	N	DMM-2008-05-0005G-02	653-2	1	+1.0		
50	- DMM-2008-07-0018G	63345-1	44	N	DMM-2008-05-0005G-02	2184-3	8	+1.0		

C O N S T R A I N T S S U M M A R Y T A B L E

No.	Component ID	GRID-C	A-Set	MPC	Component ID	GRID-C	A-Set	Sign	-Limit	+Limit
51	- DMM-2008-07-0018G	63645-1	45	N	DMM-2008-05-0005G-02	654-3	3	+1.0		
52	- DMM-2008-07-0018G	46151-1	25	N	DMM-2008-05-0005G-02	2185-3	9	+1.0		
53	- DMM-2008-07-0018G	38323-1	20	N	DMM-2008-05-0005G-02	655-3	5	+1.0		
54	- DMM-2008-07-0018G	38323-2	21	N	DMM-2008-05-0005G-02	655-1	4	+1.0		
55	- DMM-2008-07-0018G	160301-1	70	N	DMM-2008-07-0011G	29048-1	2	+1.0		
56	- DMM-2008-07-0018G	160301-2	71	N	DMM-2008-07-0011G	29048-2	3	+1.0		
57	- DMM-2008-07-0018G	160302-1	72	N	DMM-2008-07-0011G	29050-1	4	+1.0		
58	- DMM-2008-07-0018G	160303-2	73	N	DMM-2008-07-0011G	29047-2	1	+1.0		
59	- DMM-2008-07-0018G	160311-3	74	N	DMM-2008-07-0011G	40516-3	8	+1.0		
60	- DMM-2008-07-0018G	160312-3	75	N	DMM-2008-07-0011G	40515-3	7	+1.0		
61	- DMM-2008-07-0018G	160313-3	76	N	DMM-2008-07-0011G	40030-3	6	+1.0		
62	- DMM-2008-07-0018G	160314-3	77	N	DMM-2008-07-0011G	40016-3	5	+1.0		
63	- DMM-2008-07-0018G	150301-1	62	N	DMM-2008-07-0012G	40301-1	1	+1.0		
64	- DMM-2008-07-0018G	150301-2	63	N	DMM-2008-07-0012G	40301-2	2	+1.0		
65	- DMM-2008-07-0018G	150302-1	64	N	DMM-2008-07-0012G	40302-1	3	+1.0		
66	- DMM-2008-07-0018G	150303-2	65	N	DMM-2008-07-0012G	40303-2	4	+1.0		
67	- DMM-2008-07-0018G	150311-3	66	N	DMM-2008-07-0012G	40311-3	5	+1.0		
68	- DMM-2008-07-0018G	150312-3	67	N	DMM-2008-07-0012G	40312-3	6	+1.0		
69	- DMM-2008-07-0018G	150313-3	68	N	DMM-2008-07-0012G	40313-3	7	+1.0		
70	- DMM-2008-07-0018G	150314-3	69	N	DMM-2008-07-0012G	40314-3	8	+1.0		
71	- DMM-2008-07-0018G	170301-1	78	N	DMM-2008-07-0013G	40301-1	1	+1.0		
72	- DMM-2008-07-0018G	170301-2	79	N	DMM-2008-07-0013G	40301-2	2	+1.0		
73	- DMM-2008-07-0018G	170302-1	80	N	DMM-2008-07-0013G	40302-1	3	+1.0		
74	- DMM-2008-07-0018G	170303-2	81	N	DMM-2008-07-0013G	40303-2	4	+1.0		
75	- DMM-2008-07-0018G	170311-3	82	N	DMM-2008-07-0013G	40311-3	5	+1.0		
76	- DMM-2008-07-0018G	170312-3	83	N	DMM-2008-07-0013G	40312-3	6	+1.0		
77	- DMM-2008-07-0018G	170313-3	84	N	DMM-2008-07-0013G	40313-3	7	+1.0		
78	- DMM-2008-07-0018G	170314-3	85	N	DMM-2008-07-0013G	40314-3	8	+1.0		

***** Integrated Assembly (From Component Geometry) *****

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

M DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	= 10
11 =	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	= 20
21 =	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	= 30
31 =	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	655-1	= 40
41 =	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	655-1	655-3	= 50
51 =	2183-2	2183-3	2184-3	2185-3	29047-2	29048-1	29048-2	29050-1	40016-3	40030-3	= 60
61 =	40515-3	40516-3	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3	= 70
71 =	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3			

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-1	1271-3	1271-4	1271-5	1271-6	6299-2	6299-3	6299-4	6299-5	6299-6	= 10
11 =	13067-2	13067-3	13067-4	13067-5	13067-6	13083-2	13083-3	13083-4	13083-5	13083-6	= 20
21 =	13115-2	13115-3	13115-4	13115-5	13115-6	13545-3	13545-4	13545-5	13545-6	13576-2	= 30
31 =	13576-3	13576-4	13576-5	13576-6	16250-3	16250-4	16250-5	16250-6	23028-2	23028-3	= 40
41 =	23028-4	23028-5	23028-6	23044-2	23044-3	23044-4	23044-5	23044-6	23076-2	23076-3	= 50
51 =	23076-4	23076-5	23076-6	23506-2	23506-3	23506-4	23506-5	23506-6	23537-3	23537-4	= 60
61 =	23537-5	23537-6	37940-3	37940-4	37940-5	37940-6	38067-2	38067-3	38067-4	38067-5	= 70
71 =	38067-6	38323-3	38323-4	38323-5	38323-6	45767-2	45767-3	45767-4	45767-5	45767-6	= 80
81 =	45890-3	45890-4	45890-5	45890-6	46151-2	46151-3	46151-4	46151-5	46151-6	53578-2	= 90
91 =	53578-4	53578-5	53578-6	53701-2	53701-4	53701-5	53701-6	53956-2	53956-4	53956-5	= 100
101 =	53956-6	61404-2	61404-4	61404-5	61404-6	61527-2	61527-4	61527-5	61527-6	61788-2	= 110
111 =	61788-4	61788-5	61788-6	62589-2	62589-3	62589-4	62589-5	62589-6	62774-2	62774-3	= 120
121 =	62774-4	62774-5	62774-6	63043-2	63043-4	63043-5	63043-6	63343-2	63343-4	63343-5	= 130
131 =	63343-6	63345-2	63345-3	63345-4	63345-5	63345-6	63645-2	63645-3	63645-4	63645-5	= 140
141 =	63645-6	63942-2	63942-4	63942-5	63942-6	64244-2	64244-4	64244-5	64244-6	64246-2	= 150
151 =	64246-3	64246-4	64246-5	64246-6	64540-2	64540-3	64540-4	64540-5	64540-6	64814-2	= 160
161 =	64814-4	64814-5	64814-6	65003-2	65003-4	65003-5	65003-6	111869-1	111869-2	111869-4	= 170
171 =	111869-5	111869-6	111885-2	111885-4	111885-5	111885-6	113369-1	113369-2	113369-4	113369-5	= 180
181 =	113369-6	113385-2	113385-4	113385-5	113385-6	150301-3	150301-4	150301-5	150301-6	150302-2	= 190
191 =	150302-3	150302-4	150302-5	150302-6	150303-1	150303-2	150303-3	150303-4	150303-5	150303-6	= 200
201 =	150311-2	150311-4	150311-5	150311-6	150312-1	150312-2	150312-4	150312-5	150312-6	150313-1	= 210
211 =	150313-2	150313-4	150313-5	150313-6	150314-1	150314-2	150314-4	150314-5	150314-6	160301-3	= 220
221 =	160301-4	160301-5	160301-6	160302-2	160302-3	160302-4	160302-5	160302-6	160303-1	160303-3	= 230
231 =	160303-4	160303-5	160303-6	160311-1	160311-2	160311-4	160311-5	160311-6	160312-1	160312-2	= 240
241 =	160312-4	160312-5	160312-6	160313-1	160313-2	160313-4	160313-5	160313-6	160314-1	160314-2	= 250
251 =	160314-4	160314-5	160314-6	170301-3	170301-4	170301-5	170301-6	170302-2	170302-3	170302-4	= 260
261 =	170302-5	170302-6	170303-1	170303-3	170303-4	170303-5	170303-6	170311-1	170311-2	170311-4	= 270
271 =	170311-5	170311-6	170312-1	170312-2	170312-4	170312-5	170312-6	170313-1	170313-2	170313-4	= 280
281 =	170313-5	170313-6	170314-1	170314-2	170314-4	170314-5	170314-6	653-1	653-4	653-5	= 290
291 =	653-6	654-1	654-2	654-4	654-5	654-6	655-2	655-4	655-5	655-6	= 300
301 =	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	= 310
311 =	2185-2	2185-4	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	= 320
321 =	654-4	654-5	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	= 330
331 =	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	= 340
341 =	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	654-4	654-5	654-6	= 350
351 =	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	= 360
361 =	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	2185-6	653-1	653-4	= 370
371 =	653-5	653-6	654-1	654-2	654-4	654-5	654-6	655-2	655-4	655-5	= 380
381 =	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	= 390
391 =	2185-1	2185-2	2185-4	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	= 400
401 =	654-2	654-4	654-5	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	= 410
411 =	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	= 420
421 =	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	654-4	654-5	= 430
431 =	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	= 440
441 =	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	2185-6	29047-1	= 450
451 =	29047-3	29047-4	29047-5	29047-6	29048-3	29048-4	29048-5	29048-6	29050-2	29050-3	= 460
461 =	29050-4	29050-5	29050-6	40016-1	40016-2	40016-4	40016-5	40016-6	40030-1	40030-2	= 470
471 =	40030-4	40030-5	40030-6	40515-1	40515-2	40515-4	40515-5	40515-6	40516-1	40516-2	= 480
481 =	40516-4	40516-5	40516-6	40301-3	40301-4	40301-5	40301-6	40302-2	40302-3	40302-4	= 490
491 =	40302-5	40302-6	40303-1	40303-3	40303-4	40303-5	40303-6	40311-1	40311-2	40311-4	= 500

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
501 =	40311-5	40311-6	40312-1	40312-2	40312-4	40312-5	40312-6	40313-1	40313-2	40313-4 =	510
511 =	40313-5	40313-6	40314-1	40314-2	40314-4	40314-5	40314-6	40301-3	40301-4	40301-5 =	520
521 =	40301-6	40302-2	40302-3	40302-4	40302-5	40302-6	40303-1	40303-3	40303-4	40303-5 =	530
531 =	40303-6	40311-1	40311-2	40311-4	40311-5	40311-6	40312-1	40312-2	40312-4	40312-5 =	540
541 =	40312-6	40313-1	40313-2	40313-4	40313-5	40313-6	40314-1	40314-2	40314-4	40314-5 =	550
551 =	40314-6	999999-1	999999-2	999999-3	999999-4	999999-5	999999-6				

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

C DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-2	6299-1	13067-1	13083-1	13115-1	13545-1	13545-2	13576-1	16250-1	16250-2 =	10
11 =	23028-1	23044-1	23076-1	23506-1	23537-1	23537-2	37940-1	37940-2	38067-1	38323-1 =	20
21 =	38323-2	45767-1	45890-1	45890-2	46151-1	53578-1	53578-3	53701-1	53701-3	53956-1 =	30
31 =	53956-3	61404-1	61404-3	61527-1	61527-3	61788-1	61788-3	62589-1	62774-1	63043-1 =	40
41 =	63043-3	63343-1	63343-3	63345-1	63645-1	63942-1	63942-3	64244-1	64244-3	64246-1 =	50
51 =	64540-1	64814-1	64814-3	65003-1	65003-3	111869-3	111885-1	111885-3	113369-3	113385-1 =	60
61 =	113385-3	150301-1	150301-2	150302-1	150303-2	150311-3	150312-3	150313-3	150314-3	160301-1 =	70
71 =	160301-2	160302-1	160303-2	160311-3	160312-3	160313-3	160314-3	170301-1	170301-2	170302-1 =	80
81 =	170303-2	170311-3	170312-3	170313-3	170314-3						

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

Q DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
501 =	200008-0	200009-0	200010-0	200011-0	200012-0	200013-0	200014-0	200015-0	200016-0	200017-0 =	510
511 =	200018-0	200019-0	200020-0	200021-0	200022-0	200023-0	200024-0	200025-0	200026-0	200027-0 =	520
521 =	200028-0	200029-0	200030-0	200031-0	200032-0	200033-0	200034-0	200035-0	200036-0		

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

F DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-2	6299-1	13067-1	13083-1	13115-1	13545-1	13545-2	13576-1	16250-1	16250-2	= 10
11 =	23028-1	23044-1	23076-1	23506-1	23537-1	23537-2	37940-1	37940-2	38067-1	38323-1	= 20
21 =	38323-2	45767-1	45890-1	45890-2	46151-1	53578-1	53578-3	53701-1	53701-3	53956-1	= 30
31 =	53956-3	61404-1	61404-3	61527-1	61527-3	61788-1	61788-3	62589-1	62774-1	63043-1	= 40
41 =	63043-3	63343-1	63343-3	63345-1	63645-1	63942-1	63942-3	64244-1	64244-3	64246-1	= 50
51 =	64540-1	64814-1	64814-3	65003-1	65003-3	111869-3	111885-1	111885-3	113369-3	113385-1	= 60
61 =	113385-3	150301-1	150301-2	150302-1	150303-2	150311-3	150312-3	150313-3	150314-3	160301-1	= 70
71 =	160301-2	160302-1	160303-2	160311-3	160312-3	160313-3	160314-3	170301-1	170301-2	170302-1	= 80
81 =	170303-2	170311-3	170312-3	170313-3	170314-3	90001001-0	90001002-0	90001003-0	90001004-0	90001005-0	= 90
91 =	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	90001011-0	90001012-0	90001013-0	90001014-0	90001015-0	= 100
101 =	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	90001021-0	90001022-0	90001023-0	90001024-0	90001025-0	= 110
111 =	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	90001031-0	90001032-0	90001033-0	90001034-0	90001035-0	= 120
121 =	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	90001041-0	90001042-0	90001043-0	90001044-0	90001045-0	= 130
131 =	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0	999010-0	999011-0	999012-0	999013-0	999014-0	= 140
141 =	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	= 150
151 =	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	= 160
161 =	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	= 170
171 =	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	= 180
181 =	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	= 190
191 =	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	= 200
201 =	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	= 210
211 =	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	= 220
221 =	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	= 230
231 =	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	= 240
241 =	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	= 250
251 =	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	= 260
261 =	999072-0	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	= 270
271 =	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	= 280
281 =	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	= 290
291 =	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	= 300
301 =	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	= 310
311 =	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	= 320
321 =	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	999075-0	999076-0	999077-0	999078-0	= 330
331 =	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	= 340
341 =	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	= 350
351 =	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	= 360
361 =	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	= 370
371 =	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	= 380
381 =	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	999075-0	= 390
391 =	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	= 400
401 =	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	= 410
411 =	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	= 420
421 =	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	= 430
431 =	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	= 440
441 =	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	= 450
451 =	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	= 460
461 =	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	= 470
471 =	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	= 480
481 =	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	= 490
491 =	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	= 500

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

F DISPLACEMENT SET

	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---	--- 7 ---	--- 8 ---	--- 9 ---	--- 10 ---	
501 =	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0 =	510
511 =	999070-0	999071-0	999072-0	700001-0	700002-0	700003-0	700004-0	700005-0	700006-0	700007-0 =	520
521 =	700008-0	700009-0	700010-0	700011-0	700012-0	700013-0	700014-0	700015-0	700016-0	700017-0 =	530
531 =	700018-0	700019-0	700020-0	700021-0	700022-0	700023-0	700024-0	700025-0	700026-0	700027-0 =	540
541 =	700028-0	700029-0	700030-0	700031-0	700032-0	700033-0	700034-0	700035-0	700036-0	700037-0 =	550
551 =	700038-0	700039-0	700040-0	700041-0	700042-0	700043-0	200001-0	200002-0	200003-0	200004-0 =	560
561 =	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0	200013-0	200014-0 =	570
571 =	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0	200001-0	200002-0 =	580
581 =	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0 =	590
591 =	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0 =	600
601 =	200023-0	200024-0	200025-0	200026-0	200027-0	200028-0	200029-0	200030-0	200031-0	200032-0 =	610
611 =	200033-0	200034-0	200035-0	200036-0							

***** Integrated Assembly (Pre-Transformation) *****

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

M DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	653-2	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	= 10
11 =	653-3	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	= 20
21 =	654-3	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	= 30
31 =	655-1	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	655-1	= 40
41 =	655-3	2183-2	2183-3	2184-3	2185-3	653-2	653-3	654-3	655-1	655-3	= 50
51 =	2183-2	2183-3	2184-3	2185-3	29047-2	29048-1	29048-2	29050-1	40016-3	40030-3	= 60
61 =	40515-3	40516-3	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3	= 70
71 =	40301-1	40301-2	40302-1	40303-2	40311-3	40312-3	40313-3	40314-3			

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-1	1271-3	1271-4	1271-5	1271-6	6299-2	6299-3	6299-4	6299-5	6299-6	= 10
11 =	13067-2	13067-3	13067-4	13067-5	13067-6	13083-2	13083-3	13083-4	13083-5	13083-6	= 20
21 =	13115-2	13115-3	13115-4	13115-5	13115-6	13545-3	13545-4	13545-5	13545-6	13576-2	= 30
31 =	13576-3	13576-4	13576-5	13576-6	16250-3	16250-4	16250-5	16250-6	23028-2	23028-3	= 40
41 =	23028-4	23028-5	23028-6	23044-2	23044-3	23044-4	23044-5	23044-6	23076-2	23076-3	= 50
51 =	23076-4	23076-5	23076-6	23506-2	23506-3	23506-4	23506-5	23506-6	23537-3	23537-4	= 60
61 =	23537-5	23537-6	37940-3	37940-4	37940-5	37940-6	38067-2	38067-3	38067-4	38067-5	= 70
71 =	38067-6	38323-3	38323-4	38323-5	38323-6	45767-2	45767-3	45767-4	45767-5	45767-6	= 80
81 =	45890-3	45890-4	45890-5	45890-6	46151-2	46151-3	46151-4	46151-5	46151-6	53578-2	= 90
91 =	53578-4	53578-5	53578-6	53701-2	53701-4	53701-5	53701-6	53956-2	53956-4	53956-5	= 100
101 =	53956-6	61404-2	61404-4	61404-5	61404-6	61527-2	61527-4	61527-5	61527-6	61788-2	= 110
111 =	61788-4	61788-5	61788-6	62589-2	62589-3	62589-4	62589-5	62589-6	62774-2	62774-3	= 120
121 =	62774-4	62774-5	62774-6	63043-2	63043-4	63043-5	63043-6	63343-2	63343-4	63343-5	= 130
131 =	63343-6	63345-2	63345-3	63345-4	63345-5	63345-6	63645-2	63645-3	63645-4	63645-5	= 140
141 =	63645-6	63942-2	63942-4	63942-5	63942-6	64244-2	64244-4	64244-5	64244-6	64246-2	= 150
151 =	64246-3	64246-4	64246-5	64246-6	64540-2	64540-3	64540-4	64540-5	64540-6	64814-2	= 160
161 =	64814-4	64814-5	64814-6	65003-2	65003-4	65003-5	65003-6	111869-1	111869-2	111869-4	= 170
171 =	111869-5	111869-6	111885-2	111885-4	111885-5	111885-6	113369-1	113369-2	113369-4	113369-5	= 180
181 =	113369-6	113385-2	113385-4	113385-5	113385-6	150301-3	150301-4	150301-5	150301-6	150302-2	= 190
191 =	150302-3	150302-4	150302-5	150302-6	150303-1	150303-2	150303-3	150303-4	150303-5	150303-6	= 200
201 =	150311-2	150311-4	150311-5	150311-6	150312-1	150312-2	150312-4	150312-5	150312-6	150313-1	= 210
211 =	150313-2	150313-4	150313-5	150313-6	150314-1	150314-2	150314-4	150314-5	150314-6	160301-3	= 220
221 =	160301-4	160301-5	160301-6	160302-2	160302-3	160302-4	160302-5	160302-6	160303-1	160303-3	= 230
231 =	160303-4	160303-5	160303-6	160311-1	160311-2	160311-4	160311-5	160311-6	160312-1	160312-2	= 240
241 =	160312-4	160312-5	160312-6	160313-1	160313-2	160313-4	160313-5	160313-6	160314-1	160314-2	= 250
251 =	160314-4	160314-5	160314-6	170301-3	170301-4	170301-5	170301-6	170302-2	170302-3	170302-4	= 260
261 =	170302-5	170302-6	170303-1	170303-3	170303-4	170303-5	170303-6	170311-1	170311-2	170311-4	= 270
271 =	170311-5	170311-6	170312-1	170312-2	170312-4	170312-5	170312-6	170313-1	170313-2	170313-4	= 280
281 =	170313-5	170313-6	170314-1	170314-2	170314-4	170314-5	170314-6	653-1	653-4	653-5	= 290
291 =	653-6	654-1	654-2	654-4	654-5	654-6	655-2	655-4	655-5	655-6	= 300
301 =	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	= 310
311 =	2185-2	2185-4	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	= 320
321 =	654-4	654-5	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	= 330
331 =	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	= 340
341 =	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	654-4	654-5	654-6	= 350
351 =	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	= 360
361 =	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	2185-6	653-1	653-4	= 370
371 =	653-5	653-6	654-1	654-2	654-4	654-5	654-6	655-2	655-4	655-5	= 380
381 =	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	= 390
391 =	2185-1	2185-2	2185-4	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	= 400
401 =	654-2	654-4	654-5	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	= 410
411 =	2183-5	2183-6	2184-1	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	= 420
421 =	2185-5	2185-6	653-1	653-4	653-5	653-6	654-1	654-2	654-4	654-5	= 430
431 =	654-6	655-2	655-4	655-5	655-6	2183-1	2183-4	2183-5	2183-6	2184-1	= 440
441 =	2184-2	2184-4	2184-5	2184-6	2185-1	2185-2	2185-4	2185-5	2185-6	29047-1	= 450
451 =	29047-3	29047-4	29047-5	29047-6	29048-3	29048-4	29048-5	29048-6	29050-2	29050-3	= 460
461 =	29050-4	29050-5	29050-6	40016-1	40016-2	40016-4	40016-5	40016-6	40030-1	40030-2	= 470
471 =	40030-4	40030-5	40030-6	40515-1	40515-2	40515-4	40515-5	40515-6	40516-1	40516-2	= 480
481 =	40516-4	40516-5	40516-6	40301-3	40301-4	40301-5	40301-6	40302-2	40302-3	40302-4	= 490
491 =	40302-5	40302-6	40303-1	40303-3	40303-4	40303-5	40303-6	40311-1	40311-2	40311-4	= 500

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S DISPLACEMENT SET

	--- 1 ---	--- 2 ---	--- 3 ---	--- 4 ---	--- 5 ---	--- 6 ---	--- 7 ---	--- 8 ---	--- 9 ---	--- 10 ---	
501 =	40311-5	40311-6	40312-1	40312-2	40312-4	40312-5	40312-6	40313-1	40313-2	40313-4 =	510
511 =	40313-5	40313-6	40314-1	40314-2	40314-4	40314-5	40314-6	40301-3	40301-4	40301-5 =	520
521 =	40301-6	40302-2	40302-3	40302-4	40302-5	40302-6	40303-1	40303-3	40303-4	40303-5 =	530
531 =	40303-6	40311-1	40311-2	40311-4	40311-5	40311-6	40312-1	40312-2	40312-4	40312-5 =	540
541 =	40312-6	40313-1	40313-2	40313-4	40313-5	40313-6	40314-1	40314-2	40314-4	40314-5 =	550
551 =	40314-6	999999-1	999999-2	999999-3	999999-4	999999-5	999999-6				

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

O D I S P L A C E M E N T S E T

	1	2	3	4	5	6	7	8	9	10	
1 =	6299-1	13067-1	13083-1	13115-1	13545-1	13545-2	13576-1	16250-1	16250-2	23028-1	= 10
11 =	23044-1	23076-1	23506-1	23537-1	23537-2	37940-1	37940-2	38067-1	38323-1	38323-2	= 20
21 =	45767-1	45890-1	45890-2	46151-1	53578-1	53578-3	53701-1	53701-3	53956-1	53956-3	= 30
31 =	61404-1	61404-3	61527-1	61527-3	61788-1	61788-3	62589-1	62774-1	63043-1	63043-3	= 40
41 =	63343-1	63343-3	63345-1	63645-1	63942-1	63942-3	64244-1	64244-3	64246-1	64540-1	= 50
51 =	64814-1	64814-3	65003-1	65003-3	150301-1	150301-2	150302-1	150303-2	150311-3	150312-3	= 60
61 =	150313-3	150314-3	160301-1	160301-2	160302-1	160303-2	160311-3	160312-3	160313-3	160314-3	= 70
71 =	170301-1	170301-2	170302-1	170303-2	170311-3	170312-3	170313-3	170314-3	90001001-0	90001002-0	= 80
81 =	90001003-0	90001004-0	90001005-0	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	90001011-0	90001012-0	= 90
91 =	90001013-0	90001014-0	90001015-0	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	90001021-0	90001022-0	= 100
101 =	90001023-0	90001024-0	90001025-0	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	90001031-0	90001032-0	= 110
111 =	90001033-0	90001034-0	90001035-0	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	90001041-0	90001042-0	= 120
121 =	90001043-0	90001044-0	90001045-0	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0	999010-0	999011-0	= 130
131 =	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	= 140
141 =	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	= 150
151 =	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	= 160
161 =	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	= 170
171 =	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	= 180
181 =	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	= 190
191 =	999072-0	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	= 200
201 =	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	= 210
211 =	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	= 220
221 =	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	= 230
231 =	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	= 240
241 =	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	= 250
251 =	999069-0	999070-0	999071-0	999072-0	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	= 260
261 =	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	= 270
271 =	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	= 280
281 =	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	= 290
291 =	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	= 300
301 =	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	= 310
311 =	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	999010-0	999011-0	999012-0	= 320
321 =	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	= 330
331 =	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	= 340
341 =	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	= 350
351 =	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	= 360
361 =	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	= 370
371 =	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	= 380
381 =	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	= 390
391 =	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	= 400
401 =	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	= 410
411 =	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	= 420
421 =	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	= 430
431 =	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	= 440
441 =	999070-0	999071-0	999072-0	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	= 450
451 =	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	= 460
461 =	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	= 470
471 =	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	= 480
481 =	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	= 490
491 =	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	= 500

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

O D I S P L A C E M E N T S E T

	1	2	3	4	5	6	7	8	9	10	
501 =	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	700001-0	700002-0	700003-0	700004-0	= 510
511 =	700005-0	700006-0	700007-0	700008-0	700009-0	700010-0	700011-0	700012-0	700013-0	700014-0	= 520
521 =	700015-0	700016-0	700017-0	700018-0	700019-0	700020-0	700021-0	700022-0	700023-0	700024-0	= 530
531 =	700025-0	700026-0	700027-0	700028-0	700029-0	700030-0	700031-0	700032-0	700033-0	700034-0	= 540
541 =	700035-0	700036-0	700037-0	700038-0	700039-0	700040-0	700041-0	700042-0	700043-0	200001-0	= 550
551 =	200002-0	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	= 560
561 =	200012-0	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	= 570
571 =	200022-0	200001-0	200002-0	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	= 580
581 =	200010-0	200011-0	200012-0	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	= 590
591 =	200020-0	200021-0	200022-0	200023-0	200024-0	200025-0	200026-0	200027-0	200028-0	200029-0	= 600
601 =	200030-0	200031-0	200032-0	200033-0	200034-0	200035-0	200036-0				

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

B DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10
1 =	1271-2	111869-3	111885-1	111885-3	113369-3	113385-1	113385-3			

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

F DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-2	6299-1	13067-1	13083-1	13115-1	13545-1	13545-2	13576-1	16250-1	16250-2	= 10
11 =	23028-1	23044-1	23076-1	23506-1	23537-1	23537-2	37940-1	37940-2	38067-1	38323-1	= 20
21 =	38323-2	45767-1	45890-1	45890-2	46151-1	53578-1	53578-3	53701-1	53701-3	53956-1	= 30
31 =	53956-3	61404-1	61404-3	61527-1	61527-3	61788-1	61788-3	62589-1	62774-1	63043-1	= 40
41 =	63043-3	63343-1	63343-3	63345-1	63645-1	63942-1	63942-3	64244-1	64244-3	64246-1	= 50
51 =	64540-1	64814-1	64814-3	65003-1	65003-3	111869-3	111885-1	111885-3	113369-3	113385-1	= 60
61 =	113385-3	150301-1	150301-2	150302-1	150303-2	150311-3	150312-3	150313-3	150314-3	160301-1	= 70
71 =	160301-2	160302-1	160303-2	160311-3	160312-3	160313-3	160314-3	170301-1	170301-2	170302-1	= 80
81 =	170303-2	170311-3	170312-3	170313-3	170314-3	90001001-0	90001002-0	90001003-0	90001004-0	90001005-0	= 90
91 =	90001006-0	90001007-0	90001008-0	90001009-0	90001010-0	90001011-0	90001012-0	90001013-0	90001014-0	90001015-0	= 100
101 =	90001016-0	90001017-0	90001018-0	90001019-0	90001020-0	90001021-0	90001022-0	90001023-0	90001024-0	90001025-0	= 110
111 =	90001026-0	90001027-0	90001028-0	90001029-0	90001030-0	90001031-0	90001032-0	90001033-0	90001034-0	90001035-0	= 120
121 =	90001036-0	90001037-0	90001038-0	90001039-0	90001040-0	90001041-0	90001042-0	90001043-0	90001044-0	90001045-0	= 130
131 =	90001046-0	90001047-0	90001048-0	90001049-0	90001050-0	999010-0	999011-0	999012-0	999013-0	999014-0	= 140
141 =	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	= 150
151 =	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	= 160
161 =	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	= 170
171 =	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	= 180
181 =	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	= 190
191 =	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	= 200
201 =	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	= 210
211 =	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	= 220
221 =	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	= 230
231 =	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	= 240
241 =	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	= 250
251 =	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	= 260
261 =	999072-0	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	= 270
271 =	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	= 280
281 =	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	= 290
291 =	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	= 300
301 =	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	= 310
311 =	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	= 320
321 =	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	999075-0	999076-0	999077-0	999078-0	= 330
331 =	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	= 340
341 =	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	= 350
351 =	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	= 360
361 =	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	= 370
371 =	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	= 380
381 =	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	999073-0	999074-0	999075-0	= 390
391 =	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	999020-0	999021-0	999022-0	= 400
401 =	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	999030-0	999031-0	999032-0	= 410
411 =	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	999040-0	999041-0	999042-0	= 420
421 =	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	999050-0	999051-0	999052-0	= 430
431 =	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	999060-0	999061-0	999062-0	= 440
441 =	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	999070-0	999071-0	999072-0	= 450
451 =	999010-0	999011-0	999012-0	999013-0	999014-0	999015-0	999016-0	999017-0	999018-0	999019-0	= 460
461 =	999020-0	999021-0	999022-0	999023-0	999024-0	999025-0	999026-0	999027-0	999028-0	999029-0	= 470
471 =	999030-0	999031-0	999032-0	999033-0	999034-0	999035-0	999036-0	999037-0	999038-0	999039-0	= 480
481 =	999040-0	999041-0	999042-0	999043-0	999044-0	999045-0	999046-0	999047-0	999048-0	999049-0	= 490
491 =	999050-0	999051-0	999052-0	999053-0	999054-0	999055-0	999056-0	999057-0	999058-0	999059-0	= 500

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

F DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
501 =	999060-0	999061-0	999062-0	999063-0	999064-0	999065-0	999066-0	999067-0	999068-0	999069-0	= 510
511 =	999070-0	999071-0	999072-0	700001-0	700002-0	700003-0	700004-0	700005-0	700006-0	700007-0	= 520
521 =	700008-0	700009-0	700010-0	700011-0	700012-0	700013-0	700014-0	700015-0	700016-0	700017-0	= 530
531 =	700018-0	700019-0	700020-0	700021-0	700022-0	700023-0	700024-0	700025-0	700026-0	700027-0	= 540
541 =	700028-0	700029-0	700030-0	700031-0	700032-0	700033-0	700034-0	700035-0	700036-0	700037-0	= 550
551 =	700038-0	700039-0	700040-0	700041-0	700042-0	700043-0	200001-0	200002-0	200003-0	200004-0	= 560
561 =	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0	200013-0	200014-0	= 570
571 =	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0	200001-0	200002-0	= 580
581 =	200003-0	200004-0	200005-0	200006-0	200007-0	200008-0	200009-0	200010-0	200011-0	200012-0	= 590
591 =	200013-0	200014-0	200015-0	200016-0	200017-0	200018-0	200019-0	200020-0	200021-0	200022-0	= 600
601 =	200023-0	200024-0	200025-0	200026-0	200027-0	200028-0	200029-0	200030-0	200031-0	200032-0	= 610
611 =	200033-0	200034-0	200035-0	200036-0							

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	-7.259369E-04	2.694322E-02	4.288146E-03	51	7.452449E+04	2.729917E+02	4.344798E+01
2	-5.241782E-07	7.240015E-04	1.152284E-04	52	7.838907E+04	2.799805E+02	4.456028E+01
3	2.833675E-05	5.323228E-03	8.472180E-04	53	7.988206E+04	2.826341E+02	4.498262E+01
4	1.025829E-04	1.012832E-02	1.611972E-03	54	8.303568E+04	2.881591E+02	4.586195E+01
5	1.519415E-04	1.232646E-02	1.961817E-03	55	8.494047E+04	2.914455E+02	4.638499E+01
6	3.757820E-04	1.938510E-02	3.085234E-03	56	8.838008E+04	2.972879E+02	4.731483E+01
7	5.937218E+03	7.705334E+01	1.226342E+01	57	8.956426E+04	2.992729E+02	4.763076E+01
8	7.635063E+03	8.737885E+01	1.390678E+01	58	9.234769E+04	3.038876E+02	4.836522E+01
9	1.704784E+04	1.305674E+02	2.078044E+01	59	9.369680E+04	3.060993E+02	4.871722E+01
10	1.876381E+04	1.369810E+02	2.180121E+01	60	9.596920E+04	3.097890E+02	4.930444E+01
11	2.164814E+04	1.471331E+02	2.341696E+01	61	9.707467E+04	3.115681E+02	4.958760E+01
12	2.187641E+04	1.479067E+02	2.354009E+01	62	9.807166E+04	3.131640E+02	4.984159E+01
13	2.210966E+04	1.486932E+02	2.366526E+01	63	1.029879E+05	3.209173E+02	5.107557E+01
14	2.221014E+04	1.490307E+02	2.371827E+01	64	1.044484E+05	3.231847E+02	5.143644E+01
15	2.250588E+04	1.500196E+02	2.387636E+01	65	1.051242E+05	3.242287E+02	5.160259E+01
16	2.263179E+04	1.504387E+02	2.394306E+01	66	1.064339E+05	3.262421E+02	5.192304E+01
17	2.432144E+04	1.559533E+02	2.482074E+01	67	1.073160E+05	3.275912E+02	5.213777E+01
18	2.570452E+04	1.603263E+02	2.551621E+01	68	1.078894E+05	3.284653E+02	5.226787E+01
19	2.647350E+04	1.627068E+02	2.589559E+01	69	1.078922E+05	3.284695E+02	5.227754E+01
20	2.650105E+04	1.627914E+02	2.590906E+01	70	1.086475E+05	3.296172E+02	5.246021E+01
21	2.662780E+04	1.631803E+02	2.597095E+01	71	1.093978E+05	3.307534E+02	5.264104E+01
22	2.692979E+04	1.641030E+02	2.611780E+01	72	1.096201E+05	3.310892E+02	5.269448E+01
23	2.705085E+04	1.644714E+02	2.617644E+01	73	1.098391E+05	3.314198E+02	5.274710E+01
24	2.711187E+04	1.646568E+02	2.620595E+01	74	1.121966E+05	3.349576E+02	5.331016E+01
25	2.825365E+04	1.680882E+02	2.675207E+01	75	1.124309E+05	3.353072E+02	5.336579E+01
26	3.261612E+04	1.805993E+02	2.874328E+01	76	1.138386E+05	3.373997E+02	5.369883E+01
27	3.295419E+04	1.815329E+02	2.889186E+01	77	1.142966E+05	3.380778E+02	5.380675E+01
28	3.459229E+04	1.859900E+02	2.960123E+01	78	1.153498E+05	3.396318E+02	5.405408E+01
29	3.697891E+04	1.922990E+02	3.060534E+01	79	1.167684E+05	3.417140E+02	5.438547E+01
30	3.866157E+04	1.966254E+02	3.129391E+01	80	1.176905E+05	3.430605E+02	5.459977E+01
31	3.934856E+04	1.983647E+02	3.157072E+01	81	1.215316E+05	3.486139E+02	5.548362E+01
32	3.948639E+04	1.987118E+02	3.162597E+01	82	1.229730E+05	3.506750E+02	5.581166E+01
33	3.967169E+04	1.991775E+02	3.170009E+01	83	1.275217E+05	3.571019E+02	5.683453E+01
34	3.992460E+04	1.998114E+02	3.180097E+01	84	1.331589E+05	3.649094E+02	5.807713E+01
35	4.003110E+04	2.000777E+02	3.184336E+01	85	1.362661E+05	3.691423E+02	5.875083E+01
36	4.066987E+04	2.016677E+02	3.209641E+01	86	1.377974E+05	3.712107E+02	5.908001E+01
37	4.477096E+04	2.115915E+02	3.367583E+01	87	1.407591E+05	3.751787E+02	5.971155E+01
38	4.767191E+04	2.183390E+02	3.474973E+01	88	1.437006E+05	3.790786E+02	6.033223E+01
39	5.077550E+04	2.253342E+02	3.586305E+01	89	1.477426E+05	3.843730E+02	6.117487E+01
40	5.373001E+04	2.317973E+02	3.689169E+01	90	1.529357E+05	3.910699E+02	6.224072E+01
41	5.724863E+04	2.392669E+02	3.808050E+01	91	1.570602E+05	3.963083E+02	6.307442E+01
42	5.726922E+04	2.393099E+02	3.808735E+01	92	1.643761E+05	4.054332E+02	6.452670E+01
43	5.728940E+04	2.393520E+02	3.809406E+01	93	1.651275E+05	4.063589E+02	6.467403E+01
44	5.730826E+04	2.393914E+02	3.810033E+01	94	1.668259E+05	4.084433E+02	6.500576E+01
45	5.732276E+04	2.394217E+02	3.810515E+01	95	1.670142E+05	4.086737E+02	6.504243E+01
46	5.733489E+04	2.394470E+02	3.810918E+01	96	1.671650E+05	4.088582E+02	6.507181E+01
47	6.242444E+04	2.498488E+02	3.976468E+01	97	1.674421E+05	4.091970E+02	6.512572E+01
48	6.309982E+04	2.511968E+02	3.997921E+01	98	1.682895E+05	4.102310E+02	6.529030E+01
49	6.830317E+04	2.613487E+02	4.159494E+01	99	1.687199E+05	4.107553E+02	6.537374E+01
50	6.961472E+04	2.638460E+02	4.199240E+01	100	1.695748E+05	4.117946E+02	6.553915E+01

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.703172E+05	4.126951E+02	6.568246E+01	151	2.832748E+05	5.322356E+02	8.470793E+01
102	1.712803E+05	4.138603E+02	6.586791E+01	152	2.918656E+05	5.402459E+02	8.598280E+01
103	1.737721E+05	4.168598E+02	6.634530E+01	153	2.973274E+05	5.452773E+02	8.678358E+01
104	1.747385E+05	4.180174E+02	6.652954E+01	154	2.996944E+05	5.474435E+02	8.712834E+01
105	1.781484E+05	4.220763E+02	6.717553E+01	155	3.043074E+05	5.516407E+02	8.779634E+01
106	1.794132E+05	4.235720E+02	6.741358E+01	156	3.081712E+05	5.551317E+02	8.835196E+01
107	1.804205E+05	4.247594E+02	6.760256E+01	157	3.105832E+05	5.572999E+02	8.869704E+01
108	1.812414E+05	4.257246E+02	6.775617E+01	158	3.221295E+05	5.675645E+02	9.033070E+01
109	1.824410E+05	4.271311E+02	6.798003E+01	159	3.227093E+05	5.680751E+02	9.041196E+01
110	1.830586E+05	4.278535E+02	6.809500E+01	160	3.263835E+05	5.712998E+02	9.092519E+01
111	1.846511E+05	4.297105E+02	6.839055E+01	161	3.366186E+05	5.801884E+02	9.233985E+01
112	1.876434E+05	4.331783E+02	6.894246E+01	162	3.386899E+05	5.819707E+02	9.262352E+01
113	1.918097E+05	4.379608E+02	6.970363E+01	163	3.404172E+05	5.834528E+02	9.285940E+01
114	1.934473E+05	4.398265E+02	7.000055E+01	164	3.477324E+05	5.896884E+02	9.385128E+01
115	1.962460E+05	4.429966E+02	7.050510E+01	165	3.631585E+05	6.026264E+02	9.591096E+01
116	2.002781E+05	4.475244E+02	7.122573E+01	166	3.744382E+05	6.119136E+02	9.738907E+01
117	2.041745E+05	4.518568E+02	7.191524E+01	167	3.796666E+05	6.161709E+02	9.806664E+01
118	2.081317E+05	4.562145E+02	7.260880E+01	168	3.823418E+05	6.183380E+02	9.841154E+01
119	2.093885E+05	4.575899E+02	7.282769E+01	169	3.850018E+05	6.204851E+02	9.875327E+01
120	2.102201E+05	4.584977E+02	7.297217E+01	170	3.913607E+05	6.255883E+02	9.956547E+01
121	2.134070E+05	4.619600E+02	7.352322E+01	171	3.934314E+05	6.272411E+02	9.982852E+01
122	2.168744E+05	4.656978E+02	7.411810E+01	172	3.980400E+05	6.309041E+02	1.004115E+02
123	2.181716E+05	4.670884E+02	7.433943E+01	173	4.081850E+05	6.388935E+02	1.016831E+02
124	2.206677E+05	4.697528E+02	7.476348E+01	174	4.143975E+05	6.437372E+02	1.024540E+02
125	2.229298E+05	4.721544E+02	7.514570E+01	175	4.218888E+05	6.495297E+02	1.033759E+02
126	2.272173E+05	4.766731E+02	7.586489E+01	176	4.246473E+05	6.516497E+02	1.037133E+02
127	2.288614E+05	4.783946E+02	7.613887E+01	177	4.252897E+05	6.521424E+02	1.037917E+02
128	2.305725E+05	4.801796E+02	7.642296E+01	178	4.259153E+05	6.526219E+02	1.038680E+02
129	2.332147E+05	4.829230E+02	7.685959E+01	179	4.262685E+05	6.528924E+02	1.039111E+02
130	2.394019E+05	4.892872E+02	7.787247E+01	180	4.266627E+05	6.531942E+02	1.039591E+02
131	2.485276E+05	4.985254E+02	7.934279E+01	181	4.290811E+05	6.550428E+02	1.042533E+02
132	2.488521E+05	4.988508E+02	7.939456E+01	182	4.341665E+05	6.589131E+02	1.048693E+02
133	2.506420E+05	5.006416E+02	7.967958E+01	183	4.362362E+05	6.604818E+02	1.051189E+02
134	2.511511E+05	5.011497E+02	7.976046E+01	184	4.370715E+05	6.611138E+02	1.052195E+02
135	2.511862E+05	5.011848E+02	7.976604E+01	185	4.374930E+05	6.614325E+02	1.052703E+02
136	2.512604E+05	5.012588E+02	7.977782E+01	186	4.375770E+05	6.614961E+02	1.052804E+02
137	2.514399E+05	5.014379E+02	7.980631E+01	187	4.417352E+05	6.646317E+02	1.057794E+02
138	2.521393E+05	5.021347E+02	7.991723E+01	188	4.431490E+05	6.656943E+02	1.059485E+02
139	2.550865E+05	5.050609E+02	8.038294E+01	189	4.485648E+05	6.697498E+02	1.065940E+02
140	2.564507E+05	5.064097E+02	8.059760E+01	190	4.565196E+05	6.756624E+02	1.075350E+02
141	2.605192E+05	5.104108E+02	8.123441E+01	191	4.679939E+05	6.841008E+02	1.088780E+02
142	2.613211E+05	5.111957E+02	8.135933E+01	192	4.736408E+05	6.882157E+02	1.095329E+02
143	2.615778E+05	5.114468E+02	8.139928E+01	193	4.821957E+05	6.944031E+02	1.105177E+02
144	2.621914E+05	5.120463E+02	8.149469E+01	194	4.961734E+05	7.043958E+02	1.121081E+02
145	2.636455E+05	5.134642E+02	8.172037E+01	195	4.997220E+05	7.069102E+02	1.125082E+02
146	2.637260E+05	5.135426E+02	8.173284E+01	196	5.010086E+05	7.078196E+02	1.126530E+02
147	2.730465E+05	5.225385E+02	8.316459E+01	197	5.097761E+05	7.139861E+02	1.136344E+02
148	2.755191E+05	5.248991E+02	8.354029E+01	198	5.147611E+05	7.174685E+02	1.141887E+02
149	2.766061E+05	5.259335E+02	8.370492E+01	199	5.194616E+05	7.207368E+02	1.147088E+02
150	2.783522E+05	5.275909E+02	8.396870E+01	200	5.427501E+05	7.367158E+02	1.172520E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.482385E+05	7.404313E+02	1.178433E+02	251	7.385076E+05	8.593646E+02	1.367721E+02
202	5.571654E+05	7.464351E+02	1.187988E+02	252	7.483275E+05	8.650593E+02	1.376785E+02
203	5.598327E+05	7.482197E+02	1.190829E+02	253	7.496082E+05	8.657992E+02	1.377962E+02
204	5.798882E+05	7.615039E+02	1.211971E+02	254	7.528417E+05	8.676645E+02	1.380931E+02
205	5.810703E+05	7.622797E+02	1.213206E+02	255	7.575692E+05	8.703845E+02	1.385260E+02
206	5.874912E+05	7.664798E+02	1.219890E+02	256	7.590973E+05	8.712619E+02	1.386656E+02
207	5.946483E+05	7.711344E+02	1.227299E+02	257	7.614301E+05	8.725996E+02	1.388785E+02
208	5.997912E+05	7.744619E+02	1.232594E+02	258	7.660098E+05	8.752198E+02	1.392956E+02
209	6.014328E+05	7.755210E+02	1.234280E+02	259	7.708281E+05	8.779681E+02	1.397330E+02
210	6.148009E+05	7.840924E+02	1.247922E+02	260	7.761365E+05	8.809861E+02	1.402133E+02
211	6.154116E+05	7.844817E+02	1.248541E+02	261	7.820728E+05	8.843488E+02	1.407485E+02
212	6.166515E+05	7.852716E+02	1.249799E+02	262	7.970908E+05	8.927994E+02	1.420934E+02
213	6.172722E+05	7.856667E+02	1.250427E+02	263	7.975549E+05	8.930593E+02	1.421348E+02
214	6.206850E+05	7.878356E+02	1.253872E+02	264	7.988936E+05	8.938085E+02	1.422540E+02
215	6.282615E+05	7.926295E+02	1.261509E+02	265	8.088379E+05	8.993541E+02	1.431367E+02
216	6.300954E+05	7.937855E+02	1.263349E+02	266	8.126753E+05	9.014851E+02	1.434758E+02
217	6.324872E+05	7.952906E+02	1.265744E+02	267	8.195810E+05	9.053071E+02	1.440841E+02
218	6.373030E+05	7.983126E+02	1.270554E+02	268	8.219269E+05	9.066019E+02	1.442902E+02
219	6.397125E+05	7.998203E+02	1.272954E+02	269	8.289251E+05	9.104533E+02	1.449031E+02
220	6.417556E+05	8.010965E+02	1.274985E+02	270	8.365191E+05	9.146142E+02	1.455654E+02
221	6.459922E+05	8.037364E+02	1.279186E+02	271	8.425660E+05	9.179139E+02	1.460905E+02
222	6.499025E+05	8.061653E+02	1.283052E+02	272	8.457476E+05	9.196453E+02	1.463661E+02
223	6.524762E+05	8.077600E+02	1.285590E+02	273	8.504148E+05	9.221794E+02	1.467694E+02
224	6.552507E+05	8.094756E+02	1.288320E+02	274	8.556096E+05	9.249917E+02	1.472170E+02
225	6.576173E+05	8.109361E+02	1.290645E+02	275	8.739247E+05	9.348394E+02	1.487843E+02
226	6.586051E+05	8.115449E+02	1.291614E+02	276	8.796468E+05	9.378949E+02	1.492706E+02
227	6.599148E+05	8.123514E+02	1.292897E+02	277	8.873727E+05	9.420046E+02	1.499247E+02
228	6.611085E+05	8.130858E+02	1.294066E+02	278	8.889958E+05	9.428657E+02	1.500617E+02
229	6.634451E+05	8.145214E+02	1.296351E+02	279	8.986270E+05	9.479594E+02	1.508724E+02
230	6.660501E+05	8.161189E+02	1.298894E+02	280	9.171395E+05	9.576740E+02	1.524186E+02
231	6.668644E+05	8.166177E+02	1.299687E+02	281	9.215656E+05	9.599821E+02	1.527859E+02
232	6.751410E+05	8.216697E+02	1.307728E+02	282	9.334982E+05	9.661771E+02	1.537719E+02
233	6.755939E+05	8.219452E+02	1.308166E+02	283	9.483839E+05	9.738501E+02	1.549930E+02
234	6.818143E+05	8.257205E+02	1.314175E+02	284	9.524034E+05	9.759116E+02	1.553211E+02
235	6.833694E+05	8.266616E+02	1.315673E+02	285	9.676363E+05	9.836851E+02	1.565583E+02
236	6.870571E+05	8.288891E+02	1.319218E+02	286	9.757590E+05	9.878051E+02	1.572141E+02
237	6.919111E+05	8.318119E+02	1.323870E+02	287	9.772199E+05	9.885443E+02	1.573317E+02
238	6.939886E+05	8.330598E+02	1.325856E+02	288	9.798691E+05	9.898834E+02	1.575448E+02
239	7.002665E+05	8.368193E+02	1.331839E+02	289	9.822345E+05	9.910774E+02	1.577349E+02
240	7.028743E+05	8.383760E+02	1.334317E+02	290	9.833897E+05	9.916601E+02	1.578276E+02
241	7.061535E+05	8.403294E+02	1.337426E+02	291	9.921205E+05	9.960524E+02	1.585267E+02
242	7.086432E+05	8.418095E+02	1.339781E+02	292	1.008762E+06	1.004372E+03	1.598507E+02
243	7.122554E+05	8.439522E+02	1.343192E+02	293	1.014865E+06	1.007405E+03	1.603335E+02
244	7.139822E+05	8.449747E+02	1.344819E+02	294	1.019346E+06	1.009627E+03	1.606871E+02
245	7.164172E+05	8.464143E+02	1.347110E+02	295	1.022526E+06	1.011200E+03	1.609375E+02
246	7.246827E+05	8.512830E+02	1.354859E+02	296	1.024906E+06	1.012377E+03	1.611247E+02
247	7.273315E+05	8.528373E+02	1.357333E+02	297	1.025808E+06	1.012822E+03	1.611956E+02
248	7.290792E+05	8.538613E+02	1.358963E+02	298	1.032977E+06	1.016355E+03	1.617578E+02
249	7.338297E+05	8.566386E+02	1.363383E+02	299	1.036488E+06	1.018081E+03	1.620326E+02
250	7.355183E+05	8.576236E+02	1.364950E+02	300	1.056530E+06	1.027877E+03	1.635917E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
301	1.059992E+06	1.029559E+03	1.638594E+02	351	1.547492E+06	1.243982E+03	1.979859E+02
302	1.104758E+06	1.051075E+03	1.672837E+02	352	1.547521E+06	1.243994E+03	1.979878E+02
303	1.118907E+06	1.057784E+03	1.683516E+02	353	1.547553E+06	1.244007E+03	1.979898E+02
304	1.125081E+06	1.060698E+03	1.688154E+02	354	1.549189E+06	1.244664E+03	1.980944E+02
305	1.146880E+06	1.070925E+03	1.704430E+02	355	1.558568E+06	1.248426E+03	1.986932E+02
306	1.157949E+06	1.076081E+03	1.712635E+02	356	1.602295E+06	1.265818E+03	2.014612E+02
307	1.161386E+06	1.077676E+03	1.715175E+02	357	1.615439E+06	1.270999E+03	2.022858E+02
308	1.161672E+06	1.077809E+03	1.715386E+02	358	1.634031E+06	1.278292E+03	2.034465E+02
309	1.164890E+06	1.079301E+03	1.717760E+02	359	1.651391E+06	1.285065E+03	2.045244E+02
310	1.169505E+06	1.081436E+03	1.721160E+02	360	1.663175E+06	1.289641E+03	2.052528E+02
311	1.175383E+06	1.084151E+03	1.725480E+02	361	1.695126E+06	1.301970E+03	2.072150E+02
312	1.181894E+06	1.087150E+03	1.730252E+02	362	1.699201E+06	1.303534E+03	2.074639E+02
313	1.194454E+06	1.092911E+03	1.739422E+02	363	1.741966E+06	1.319835E+03	2.100583E+02
314	1.201888E+06	1.096307E+03	1.744826E+02	364	1.767183E+06	1.329354E+03	2.115733E+02
315	1.204711E+06	1.097593E+03	1.746874E+02	365	1.814939E+06	1.347197E+03	2.144130E+02
316	1.221056E+06	1.105014E+03	1.758684E+02	366	1.836440E+06	1.355153E+03	2.156793E+02
317	1.224409E+06	1.106530E+03	1.761098E+02	367	1.843653E+06	1.357812E+03	2.161025E+02
318	1.225062E+06	1.106825E+03	1.761567E+02	368	1.853471E+06	1.361422E+03	2.166771E+02
319	1.229399E+06	1.108783E+03	1.764683E+02	369	1.857387E+06	1.362860E+03	2.169059E+02
320	1.238934E+06	1.113074E+03	1.771513E+02	370	1.862122E+06	1.364596E+03	2.171822E+02
321	1.250619E+06	1.118311E+03	1.779847E+02	371	1.865332E+06	1.365772E+03	2.173693E+02
322	1.252112E+06	1.118978E+03	1.780909E+02	372	1.869605E+06	1.367335E+03	2.175718E+02
323	1.252384E+06	1.119099E+03	1.781102E+02	373	1.873293E+06	1.368683E+03	2.178327E+02
324	1.253107E+06	1.119423E+03	1.781617E+02	374	1.877465E+06	1.370206E+03	2.180751E+02
325	1.253575E+06	1.119631E+03	1.781949E+02	375	1.882422E+06	1.372014E+03	2.183628E+02
326	1.256144E+06	1.120778E+03	1.783774E+02	376	1.888968E+06	1.374397E+03	2.187421E+02
327	1.261471E+06	1.123152E+03	1.787552E+02	377	1.889154E+06	1.374465E+03	2.187529E+02
328	1.262771E+06	1.123731E+03	1.788473E+02	378	1.899341E+06	1.378166E+03	2.193419E+02
329	1.310986E+06	1.144983E+03	1.822297E+02	379	1.903959E+06	1.379840E+03	2.196084E+02
330	1.329743E+06	1.153145E+03	1.835287E+02	380	1.904892E+06	1.380178E+03	2.196622E+02
331	1.330053E+06	1.153279E+03	1.835501E+02	381	1.921110E+06	1.386041E+03	2.205953E+02
332	1.336299E+06	1.155984E+03	1.839806E+02	382	1.923342E+06	1.386846E+03	2.207234E+02
333	1.338558E+06	1.156961E+03	1.841360E+02	383	1.929949E+06	1.389226E+03	2.211022E+02
334	1.353466E+06	1.163385E+03	1.851585E+02	384	1.934671E+06	1.390924E+03	2.213725E+02
335	1.358141E+06	1.165393E+03	1.854781E+02	385	1.940878E+06	1.393154E+03	2.217274E+02
336	1.360640E+06	1.166465E+03	1.856487E+02	386	1.945883E+06	1.394949E+03	2.220130E+02
337	1.361591E+06	1.166872E+03	1.857135E+02	387	1.957642E+06	1.399157E+03	2.226828E+02
338	1.367273E+06	1.169305E+03	1.861006E+02	388	1.982606E+06	1.408050E+03	2.240982E+02
339	1.371923E+06	1.171291E+03	1.864168E+02	389	2.027994E+06	1.424077E+03	2.266488E+02
340	1.374343E+06	1.172324E+03	1.865811E+02	390	2.039858E+06	1.428236E+03	2.273108E+02
341	1.378224E+06	1.173978E+03	1.868444E+02	391	2.086739E+06	1.444555E+03	2.299080E+02
342	1.381666E+06	1.175443E+03	1.870776E+02	392	2.113165E+06	1.453673E+03	2.313592E+02
343	1.384752E+06	1.176755E+03	1.872864E+02	393	2.116723E+06	1.454896E+03	2.315539E+02
344	1.396715E+06	1.181827E+03	1.880936E+02	394	2.125974E+06	1.458072E+03	2.320594E+02
345	1.478309E+06	1.215857E+03	1.935097E+02	395	2.129134E+06	1.459155E+03	2.322318E+02
346	1.504583E+06	1.226614E+03	1.952218E+02	396	2.137697E+06	1.462087E+03	2.326983E+02
347	1.528929E+06	1.236499E+03	1.967949E+02	397	2.139348E+06	1.462651E+03	2.327882E+02
348	1.545214E+06	1.243066E+03	1.978401E+02	398	2.152070E+06	1.466994E+03	2.334793E+02
349	1.547338E+06	1.243921E+03	1.979761E+02	399	2.177590E+06	1.475666E+03	2.348595E+02
350	1.547484E+06	1.243979E+03	1.979854E+02	400	2.215781E+06	1.488550E+03	2.369101E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
401	2.284974E+06	1.511613E+03	2.405807E+02	451	3.147810E+06	1.774207E+03	2.823738E+02
402	2.297799E+06	1.515849E+03	2.412549E+02	452	3.153394E+06	1.775780E+03	2.826241E+02
403	2.298760E+06	1.516166E+03	2.413054E+02	453	3.157370E+06	1.776899E+03	2.828022E+02
404	2.300553E+06	1.516757E+03	2.413994E+02	454	3.189953E+06	1.786044E+03	2.842577E+02
405	2.301126E+06	1.516946E+03	2.414295E+02	455	3.209017E+06	1.791373E+03	2.851059E+02
406	2.301514E+06	1.517074E+03	2.414498E+02	456	3.240503E+06	1.800140E+03	2.865011E+02
407	2.302243E+06	1.517314E+03	2.414881E+02	457	3.254449E+06	1.804009E+03	2.871170E+02
408	2.304990E+06	1.518219E+03	2.416321E+02	458	3.265606E+06	1.807099E+03	2.876087E+02
409	2.327817E+06	1.525718E+03	2.428256E+02	459	3.272277E+06	1.808944E+03	2.879023E+02
410	2.340405E+06	1.529838E+03	2.434813E+02	460	3.282256E+06	1.811700E+03	2.883410E+02
411	2.373742E+06	1.540695E+03	2.452093E+02	461	3.284198E+06	1.812236E+03	2.884263E+02
412	2.383223E+06	1.543769E+03	2.456985E+02	462	3.290502E+06	1.813974E+03	2.887029E+02
413	2.383700E+06	1.543924E+03	2.457231E+02	463	3.293318E+06	1.814750E+03	2.888265E+02
414	2.384447E+06	1.544165E+03	2.457615E+02	464	3.307304E+06	1.818600E+03	2.894391E+02
415	2.384529E+06	1.544192E+03	2.457658E+02	465	3.312709E+06	1.820085E+03	2.896755E+02
416	2.386871E+06	1.544950E+03	2.458865E+02	466	3.320199E+06	1.822141E+03	2.900028E+02
417	2.387789E+06	1.545247E+03	2.459338E+02	467	3.333551E+06	1.825801E+03	2.905853E+02
418	2.398563E+06	1.548729E+03	2.464880E+02	468	3.414721E+06	1.847896E+03	2.941019E+02
419	2.475275E+06	1.573301E+03	2.503986E+02	469	3.414959E+06	1.847961E+03	2.941121E+02
420	2.502825E+06	1.582032E+03	2.517882E+02	470	3.415328E+06	1.848060E+03	2.941280E+02
421	2.539865E+06	1.593695E+03	2.536445E+02	471	3.415517E+06	1.848112E+03	2.941361E+02
422	2.544389E+06	1.595114E+03	2.537033E+02	472	3.415871E+06	1.848207E+03	2.941513E+02
423	2.548084E+06	1.596272E+03	2.540546E+02	473	3.415915E+06	1.848220E+03	2.941533E+02
424	2.548954E+06	1.596544E+03	2.540979E+02	474	3.436508E+06	1.853782E+03	2.950386E+02
425	2.550251E+06	1.596950E+03	2.541626E+02	475	3.481612E+06	1.865908E+03	2.969685E+02
426	2.551256E+06	1.597265E+03	2.542127E+02	476	3.483958E+06	1.866536E+03	2.970685E+02
427	2.553734E+06	1.598041E+03	2.543361E+02	477	3.492623E+06	1.868856E+03	2.974377E+02
428	2.570428E+06	1.603255E+03	2.551660E+02	478	3.496076E+06	1.869780E+03	2.975847E+02
429	2.581281E+06	1.606636E+03	2.557041E+02	479	3.498888E+06	1.870532E+03	2.977043E+02
430	2.583108E+06	1.607205E+03	2.557946E+02	480	3.503239E+06	1.871694E+03	2.978894E+02
431	2.594139E+06	1.610633E+03	2.563402E+02	481	3.577855E+06	1.891522E+03	3.010450E+02
432	2.598311E+06	1.611928E+03	2.565462E+02	482	3.663546E+06	1.914039E+03	3.046288E+02
433	2.614279E+06	1.616873E+03	2.573334E+02	483	3.824427E+06	1.955614E+03	3.112457E+02
434	2.616748E+06	1.617637E+03	2.574549E+02	484	3.969338E+06	1.992320E+03	3.170875E+02
435	2.657516E+06	1.630189E+03	2.594526E+02	485	4.120748E+06	2.029963E+03	3.230786E+02
436	2.678062E+06	1.636479E+03	2.604537E+02	486	4.240574E+06	2.059265E+03	3.277423E+02
437	2.686384E+06	1.639019E+03	2.608580E+02	487	4.306686E+06	2.075256E+03	3.302872E+02
438	2.692088E+06	1.640758E+03	2.611348E+02	488	4.412930E+06	2.100697E+03	3.343364E+02
439	2.703053E+06	1.644096E+03	2.616661E+02	489	4.466129E+06	2.113322E+03	3.363456E+02
440	2.750860E+06	1.658572E+03	2.639699E+02	490	4.554452E+06	2.134116E+03	3.396551E+02
441	2.789637E+06	1.670221E+03	2.658239E+02	491	4.579388E+06	2.139951E+03	3.405837E+02
442	2.868688E+06	1.693720E+03	2.695639E+02	492	4.635691E+06	2.153066E+03	3.426710E+02
443	2.941103E+06	1.714964E+03	2.729451E+02	493	4.650563E+06	2.156516E+03	3.432202E+02
444	2.980111E+06	1.726300E+03	2.747492E+02	494	4.694827E+06	2.166755E+03	3.448498E+02
445	3.003830E+06	1.733156E+03	2.758404E+02	495	4.772967E+06	2.184712E+03	3.477077E+02
446	3.019793E+06	1.737755E+03	2.765723E+02	496	4.789864E+06	2.188576E+03	3.483227E+02
447	3.044075E+06	1.744728E+03	2.776821E+02	497	4.830095E+06	2.197748E+03	3.497824E+02
448	3.063164E+06	1.750190E+03	2.785513E+02	498	4.899885E+06	2.213568E+03	3.523004E+02
449	3.103746E+06	1.761745E+03	2.803904E+02	499	4.976524E+06	2.230812E+03	3.550448E+02
450	3.126894E+06	1.768303E+03	2.814341E+02	500	5.060714E+06	2.249603E+03	3.580354E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
501	5.109056E+06	2.260322E+03	3.597414E+02	551	1.603136E+07	4.003918E+03	6.372433E+02
502	5.226436E+06	2.286140E+03	3.638505E+02	552	1.644079E+07	4.054725E+03	6.453295E+02
503	5.244436E+06	2.290073E+03	3.644765E+02	553	1.659516E+07	4.073715E+03	6.483519E+02
504	5.350863E+06	2.313193E+03	3.681561E+02	554	1.734995E+07	4.165328E+03	6.629325E+02
505	5.405998E+06	2.325080E+03	3.700480E+02	555	1.747663E+07	4.180506E+03	6.653483E+02
506	5.537472E+06	2.353183E+03	3.745208E+02	556	1.775765E+07	4.213983E+03	6.706763E+02
507	5.632466E+06	2.373282E+03	3.777195E+02	557	1.842216E+07	4.292104E+03	6.831096E+02
508	5.781085E+06	2.404389E+03	3.826703E+02	558	1.928387E+07	4.391341E+03	6.989036E+02
509	5.942969E+06	2.437821E+03	3.879912E+02	559	1.994674E+07	4.466177E+03	7.108142E+02
510	6.082322E+06	2.466236E+03	3.925137E+02	560	2.148609E+07	4.635310E+03	7.377324E+02
511	6.153639E+06	2.480653E+03	3.948082E+02	561	2.190744E+07	4.680539E+03	7.449308E+02
512	6.277396E+06	2.505473E+03	3.987585E+02	562	2.252303E+07	4.745844E+03	7.553245E+02
513	6.450004E+06	2.539686E+03	4.042035E+02	563	2.307667E+07	4.803818E+03	7.645514E+02
514	6.551879E+06	2.559664E+03	4.073837E+02	564	2.371279E+07	4.869578E+03	7.750175E+02
515	6.730829E+06	2.594384E+03	4.129091E+02	565	2.403029E+07	4.902070E+03	7.801887E+02
516	7.013538E+06	2.648309E+03	4.214914E+02	566	2.510207E+07	5.010197E+03	7.973976E+02
517	7.332809E+06	2.707916E+03	4.309782E+02	567	2.550153E+07	5.049904E+03	8.037172E+02
518	7.577144E+06	2.752661E+03	4.380997E+02	568	2.585635E+07	5.084915E+03	8.092894E+02
519	7.834813E+06	2.799074E+03	4.454864E+02	569	2.616035E+07	5.114719E+03	8.140328E+02
520	8.012455E+06	2.830628E+03	4.505085E+02	570	2.701965E+07	5.198043E+03	8.272942E+02
521	8.266669E+06	2.875182E+03	4.575994E+02	571	2.785657E+07	5.277933E+03	8.400091E+02
522	8.563476E+06	2.926342E+03	4.657417E+02	572	2.823810E+07	5.313953E+03	8.457420E+02
523	8.946240E+06	2.991027E+03	4.760367E+02	573	3.076963E+07	5.547038E+03	8.828385E+02
524	8.998539E+06	2.999756E+03	4.774261E+02	574	3.133028E+07	5.597346E+03	8.908453E+02
525	9.209336E+06	3.034689E+03	4.829857E+02	575	3.198802E+07	5.655795E+03	9.001477E+02
526	9.394419E+06	3.065032E+03	4.878149E+02	576	3.368733E+07	5.804079E+03	9.237478E+02
527	9.449849E+06	3.074061E+03	4.892519E+02	577	3.421910E+07	5.849710E+03	9.310102E+02
528	9.922659E+06	3.150025E+03	5.013421E+02	578	3.548313E+07	5.956772E+03	9.480497E+02
529	1.010578E+07	3.178959E+03	5.059471E+02	579	3.664344E+07	6.053383E+03	9.634258E+02
530	1.028698E+07	3.207331E+03	5.104627E+02	580	3.714575E+07	6.094731E+03	9.700066E+02
531	1.073889E+07	3.277024E+03	5.215546E+02	581	3.966343E+07	6.297891E+03	1.002340E+03
532	1.093001E+07	3.306057E+03	5.261753E+02	582	4.109449E+07	6.410498E+03	1.020262E+03
533	1.111279E+07	3.333585E+03	5.305565E+02	583	4.157460E+07	6.447837E+03	1.026205E+03
534	1.121723E+07	3.349214E+03	5.330432E+02	584	4.743794E+07	6.887520E+03	1.096183E+03
535	1.148685E+07	3.389226E+03	5.394121E+02	585	5.055857E+07	7.110455E+03	1.131664E+03
536	1.188900E+07	3.448042E+03	5.487730E+02	586	5.233486E+07	7.234284E+03	1.151372E+03
537	1.233217E+07	3.511719E+03	5.589075E+02	587	6.087651E+07	7.802340E+03	1.241781E+03
538	1.298975E+07	3.604130E+03	5.736151E+02	588	6.164745E+07	7.851589E+03	1.249619E+03
539	1.309075E+07	3.618114E+03	5.758408E+02	589	7.003812E+07	8.368878E+03	1.331948E+03
540	1.328361E+07	3.644669E+03	5.800671E+02	590	7.499650E+07	8.660052E+03	1.378290E+03
541	1.343898E+07	3.665921E+03	5.834495E+02	591	8.223540E+07	9.068374E+03	1.443277E+03
542	1.372396E+07	3.704586E+03	5.896032E+02	592	9.034038E+07	9.504755E+03	1.512729E+03
543	1.419626E+07	3.767793E+03	5.996629E+02	593	9.401647E+07	9.696209E+03	1.543200E+03
544	1.446694E+07	3.803543E+03	6.053527E+02	594	9.623609E+07	9.810000E+03	1.561310E+03
545	1.477535E+07	3.843872E+03	6.117713E+02	595	1.017352E+08	1.008639E+04	1.605299E+03
546	1.494839E+07	3.866315E+03	6.153432E+02	596	1.029767E+08	1.014774E+04	1.615064E+03
547	1.522301E+07	3.901668E+03	6.209698E+02	597	1.197143E+08	1.094140E+04	1.741379E+03
548	1.545049E+07	3.930711E+03	6.255921E+02	598	1.200414E+08	1.095634E+04	1.743756E+03
549	1.565423E+07	3.956543E+03	6.297034E+02	599	1.207193E+08	1.098723E+04	1.748672E+03
550	1.591523E+07	3.989389E+03	6.349310E+02	600	1.217311E+08	1.103318E+04	1.755985E+03

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY
601	1.223595E+08	1.106162E+04	1.760512E+03
602	1.271077E+08	1.127421E+04	1.794346E+03
603	4.487775E+08	2.118437E+04	3.371597E+03
604	4.494458E+08	2.120014E+04	3.374106E+03
605	4.502446E+08	2.121897E+04	3.377104E+03
606	4.526409E+08	2.127536E+04	3.386078E+03
607	4.536086E+08	2.129809E+04	3.389696E+03
608	4.539533E+08	2.130618E+04	3.390984E+03
609	1.107219E+09	3.327490E+04	5.295866E+03
610	1.108223E+09	3.328998E+04	5.298264E+03
611	1.110726E+09	3.332755E+04	5.304245E+03
612	1.112632E+09	3.335613E+04	5.308793E+03
613	1.113422E+09	3.336798E+04	5.310680E+03
614	1.114240E+09	3.338023E+04	5.312629E+03

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	1.405094E+03	3.748458E+01	5.965857E+00	51	8.079807E+04	2.842500E+02	4.523980E+01
2	2.584111E+03	5.083415E+01	8.090506E+00	52	8.284167E+04	2.878223E+02	4.580834E+01
3	3.221676E+03	5.675981E+01	9.033604E+00	53	8.531970E+04	2.920954E+02	4.648842E+01
4	1.110370E+04	1.053741E+02	1.677081E+01	54	8.549971E+04	2.924033E+02	4.653744E+01
5	1.345821E+04	1.160095E+02	1.846390E+01	55	8.983531E+04	2.997254E+02	4.770278E+01
6	1.536678E+04	1.239628E+02	1.972930E+01	56	9.120275E+04	3.019979E+02	4.806446E+01
7	1.814263E+04	1.346946E+02	2.143731E+01	57	9.265273E+04	3.043891E+02	4.844503E+01
8	2.102585E+04	1.450029E+02	2.307793E+01	58	9.580804E+04	3.095287E+02	4.926303E+01
9	2.132055E+04	1.460156E+02	2.323910E+01	59	9.809276E+04	3.131976E+02	4.984695E+01
10	2.192983E+04	1.480872E+02	2.356882E+01	60	9.891831E+04	3.145128E+02	5.005627E+01
11	2.201266E+04	1.483666E+02	2.361328E+01	61	1.034423E+05	3.216245E+02	5.118813E+01
12	2.218474E+04	1.489454E+02	2.370540E+01	62	1.054478E+05	3.247273E+02	5.168196E+01
13	2.263425E+04	1.504468E+02	2.394436E+01	63	1.060829E+05	3.257037E+02	5.183735E+01
14	2.339199E+04	1.529444E+02	2.434186E+01	64	1.064679E+05	3.262942E+02	5.193133E+01
15	2.430296E+04	1.558941E+02	2.481131E+01	65	1.074880E+05	3.278536E+02	5.217953E+01
16	2.523417E+04	1.588527E+02	2.528219E+01	66	1.080808E+05	3.287565E+02	5.232322E+01
17	2.655307E+04	1.629511E+02	2.593448E+01	67	1.082397E+05	3.289981E+02	5.236167E+01
18	2.659028E+04	1.630653E+02	2.595884E+01	68	1.084618E+05	3.293354E+02	5.241536E+01
19	2.686081E+04	1.638927E+02	2.608433E+01	69	1.093789E+05	3.307248E+02	5.263648E+01
20	2.695566E+04	1.641818E+02	2.613034E+01	70	1.100699E+05	3.317679E+02	5.280250E+01
21	2.724213E+04	1.650519E+02	2.626883E+01	71	1.111907E+05	3.334527E+02	5.307065E+01
22	2.776878E+04	1.666397E+02	2.652153E+01	72	1.123621E+05	3.352045E+02	5.334945E+01
23	3.146449E+04	1.773823E+02	2.823128E+01	73	1.138610E+05	3.374329E+02	5.370412E+01
24	3.379677E+04	1.838390E+02	2.925888E+01	74	1.152519E+05	3.394876E+02	5.403114E+01
25	3.697302E+04	1.922837E+02	3.060290E+01	75	1.157120E+05	3.401647E+02	5.413889E+01
26	3.783698E+04	1.945173E+02	3.095839E+01	76	1.164209E+05	3.412050E+02	5.430446E+01
27	3.869953E+04	1.967220E+02	3.130927E+01	77	1.171942E+05	3.423363E+02	5.448452E+01
28	3.919334E+04	1.979731E+02	3.150839E+01	78	1.204163E+05	3.470105E+02	5.522844E+01
29	3.946652E+04	1.986618E+02	3.161801E+01	79	1.249952E+05	3.535467E+02	5.626870E+01
30	3.961148E+04	1.990263E+02	3.167603E+01	80	1.262606E+05	3.553317E+02	5.655280E+01
31	3.985264E+04	1.996313E+02	3.177230E+01	81	1.341337E+05	3.662426E+02	5.828932E+01
32	4.053204E+04	2.013257E+02	3.204198E+01	82	1.362318E+05	3.690959E+02	5.874344E+01
33	4.090788E+04	2.022570E+02	3.219019E+01	83	1.372319E+05	3.704483E+02	5.895867E+01
34	4.281470E+04	2.069171E+02	3.293189E+01	84	1.415716E+05	3.762601E+02	5.988365E+01
35	4.631040E+04	2.151985E+02	3.424991E+01	85	1.424445E+05	3.774182E+02	6.006797E+01
36	4.867696E+04	2.206286E+02	3.511413E+01	86	1.454019E+05	3.813160E+02	6.068833E+01
37	5.052911E+04	2.247868E+02	3.577593E+01	87	1.478523E+05	3.845157E+02	6.119758E+01
38	5.586590E+04	2.363597E+02	3.761781E+01	88	1.536235E+05	3.919484E+02	6.238052E+01
39	5.719601E+04	2.391569E+02	3.806300E+01	89	1.638037E+05	4.047267E+02	6.441425E+01
40	5.727462E+04	2.393212E+02	3.808915E+01	90	1.667069E+05	4.082975E+02	6.498257E+01
41	5.729884E+04	2.393718E+02	3.809720E+01	91	1.669666E+05	4.086155E+02	6.503317E+01
42	5.732126E+04	2.394186E+02	3.810465E+01	92	1.671150E+05	4.087970E+02	6.506206E+01
43	5.733033E+04	2.394375E+02	3.810767E+01	93	1.675266E+05	4.093002E+02	6.514214E+01
44	5.736028E+04	2.395001E+02	3.811762E+01	94	1.676118E+05	4.094042E+02	6.515871E+01
45	5.958291E+04	2.440961E+02	3.884910E+01	95	1.684106E+05	4.103786E+02	6.531379E+01
46	6.465944E+04	2.542822E+02	4.047027E+01	96	1.687965E+05	4.108485E+02	6.538857E+01
47	6.671779E+04	2.582979E+02	4.110938E+01	97	1.695149E+05	4.117219E+02	6.552758E+01
48	6.931668E+04	2.632806E+02	4.190241E+01	98	1.710866E+05	4.136261E+02	6.583064E+01
49	7.370280E+04	2.714826E+02	4.320780E+01	99	1.714805E+05	4.141021E+02	6.590639E+01
50	8.004865E+04	2.829287E+02	4.502950E+01	100	1.740477E+05	4.171903E+02	6.639789E+01

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.766817E+05	4.203352E+02	6.689843E+01	151	3.039968E+05	5.513591E+02	8.775152E+01
102	1.786664E+05	4.226895E+02	6.727313E+01	152	3.069277E+05	5.540106E+02	8.817352E+01
103	1.793528E+05	4.235007E+02	6.740223E+01	153	3.138751E+05	5.602456E+02	8.916585E+01
104	1.807937E+05	4.251984E+02	6.767243E+01	154	3.191406E+05	5.649253E+02	8.991065E+01
105	1.825166E+05	4.272196E+02	6.799411E+01	155	3.235613E+05	5.688245E+02	9.053123E+01
106	1.828550E+05	4.276155E+02	6.805713E+01	156	3.295032E+05	5.740237E+02	9.135871E+01
107	1.836230E+05	4.285126E+02	6.819990E+01	157	3.298420E+05	5.743188E+02	9.140567E+01
108	1.855852E+05	4.307960E+02	6.856332E+01	158	3.325913E+05	5.767073E+02	9.178582E+01
109	1.861539E+05	4.314556E+02	6.866829E+01	159	3.376066E+05	5.810392E+02	9.247527E+01
110	1.898814E+05	4.357538E+02	6.935237E+01	160	3.406305E+05	5.836408E+02	9.288932E+01
111	1.948209E+05	4.413852E+02	7.024864E+01	161	3.511503E+05	5.925794E+02	9.431194E+01
112	1.962159E+05	4.429626E+02	7.049969E+01	162	3.659398E+05	6.049296E+02	9.627753E+01
113	2.036840E+05	4.513137E+02	7.182880E+01	163	3.707585E+05	6.088995E+02	9.690936E+01
114	2.068480E+05	4.548054E+02	7.238454E+01	164	3.748884E+05	6.122813E+02	9.744759E+01
115	2.090218E+05	4.571890E+02	7.276389E+01	165	3.824139E+05	6.183962E+02	9.842082E+01
116	2.104209E+05	4.587166E+02	7.300702E+01	166	3.829591E+05	6.188369E+02	9.849095E+01
117	2.153348E+05	4.640418E+02	7.385454E+01	167	3.902851E+05	6.247280E+02	9.942855E+01
118	2.168852E+05	4.657093E+02	7.411994E+01	168	3.936305E+05	6.274158E+02	9.985632E+01
119	2.178817E+05	4.667780E+02	7.429003E+01	169	3.950904E+05	6.285622E+02	1.000388E+02
120	2.213373E+05	4.704650E+02	7.487682E+01	170	3.990710E+05	6.317206E+02	1.005415E+02
121	2.238107E+05	4.730864E+02	7.529404E+01	171	4.125554E+05	6.423048E+02	1.022260E+02
122	2.269072E+05	4.763478E+02	7.581311E+01	172	4.141504E+05	6.435452E+02	1.024234E+02
123	2.293592E+05	4.789146E+02	7.622163E+01	173	4.195128E+05	6.476981E+02	1.030844E+02
124	2.307304E+05	4.803440E+02	7.644912E+01	174	4.255166E+05	6.523163E+02	1.038194E+02
125	2.338658E+05	4.835967E+02	7.696681E+01	175	4.257645E+05	6.525063E+02	1.038496E+02
126	2.409914E+05	4.909088E+02	7.813056E+01	176	4.260335E+05	6.527124E+02	1.038824E+02
127	2.446688E+05	4.946401E+02	7.872441E+01	177	4.262464E+05	6.528755E+02	1.039084E+02
128	2.501100E+05	5.001100E+02	7.959498E+01	178	4.265953E+05	6.531426E+02	1.039509E+02
129	2.506997E+05	5.006992E+02	7.968875E+01	179	4.270516E+05	6.534918E+02	1.040065E+02
130	2.508533E+05	5.008525E+02	7.971316E+01	180	4.293110E+05	6.552183E+02	1.042812E+02
131	2.510621E+05	5.010610E+02	7.974633E+01	181	4.362902E+05	6.605226E+02	1.051254E+02
132	2.512130E+05	5.012115E+02	7.977029E+01	182	4.372405E+05	6.612416E+02	1.052399E+02
133	2.514141E+05	5.014121E+02	7.980222E+01	183	4.376650E+05	6.615625E+02	1.052909E+02
134	2.518667E+05	5.018632E+02	7.987401E+01	184	4.379192E+05	6.617547E+02	1.053215E+02
135	2.547032E+05	5.046813E+02	8.032252E+01	185	4.393877E+05	6.628633E+02	1.054980E+02
136	2.582258E+05	5.081592E+02	8.087606E+01	186	4.436606E+05	6.660785E+02	1.060097E+02
137	2.607067E+05	5.105944E+02	8.126363E+01	187	4.472866E+05	6.687949E+02	1.064420E+02
138	2.609998E+05	5.108814E+02	8.130930E+01	188	4.577628E+05	6.765817E+02	1.076813E+02
139	2.613343E+05	5.112087E+02	8.136139E+01	189	4.594634E+05	6.778373E+02	1.078812E+02
140	2.617881E+05	5.116524E+02	8.143200E+01	190	4.611954E+05	6.791137E+02	1.080843E+02
141	2.627358E+05	5.125776E+02	8.157926E+01	191	4.735583E+05	6.881557E+02	1.095234E+02
142	2.642945E+05	5.140958E+02	8.182089E+01	192	4.835791E+05	6.953985E+02	1.106761E+02
143	2.689300E+05	5.185846E+02	8.253531E+01	193	4.948162E+05	7.034317E+02	1.119546E+02
144	2.738987E+05	5.233533E+02	8.329426E+01	194	4.995808E+05	7.068103E+02	1.124923E+02
145	2.753211E+05	5.247105E+02	8.351026E+01	195	5.034341E+05	7.095309E+02	1.129254E+02
146	2.768663E+05	5.261808E+02	8.374428E+01	196	5.110390E+05	7.148699E+02	1.137751E+02
147	2.843843E+05	5.332770E+02	8.487366E+01	197	5.214238E+05	7.220968E+02	1.149253E+02
148	2.902229E+05	5.387234E+02	8.574049E+01	198	5.298106E+05	7.278809E+02	1.158458E+02
149	2.924850E+05	5.408188E+02	8.607399E+01	199	5.469120E+05	7.395350E+02	1.177006E+02
150	2.984543E+05	5.463097E+02	8.694790E+01	200	5.484252E+05	7.405574E+02	1.178634E+02

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.592887E+05	7.478560E+02	1.190250E+02	251	7.489238E+05	8.654038E+02	1.377333E+02
202	5.603709E+05	7.485792E+02	1.191401E+02	252	7.501366E+05	8.661043E+02	1.378448E+02
203	5.747890E+05	7.581484E+02	1.206631E+02	253	7.541181E+05	8.683997E+02	1.382101E+02
204	5.838761E+05	7.641179E+02	1.216131E+02	254	7.570928E+05	8.701108E+02	1.384824E+02
205	5.861596E+05	7.656106E+02	1.218507E+02	255	7.590940E+05	8.712600E+02	1.386653E+02
206	5.943205E+05	7.709218E+02	1.226960E+02	256	7.617639E+05	8.727909E+02	1.389090E+02
207	5.964584E+05	7.723072E+02	1.229165E+02	257	7.636410E+05	8.738655E+02	1.390800E+02
208	6.014146E+05	7.755092E+02	1.234261E+02	258	7.687870E+05	8.768050E+02	1.395479E+02
209	6.155677E+05	7.845813E+02	1.248700E+02	259	7.708488E+05	8.779799E+02	1.397348E+02
210	6.158202E+05	7.847421E+02	1.248956E+02	260	7.844160E+05	8.856726E+02	1.409592E+02
211	6.172757E+05	7.856690E+02	1.250431E+02	261	7.973898E+05	8.929669E+02	1.421201E+02
212	6.190551E+05	7.868005E+02	1.252232E+02	262	7.993929E+05	8.940878E+02	1.422985E+02
213	6.211791E+05	7.881492E+02	1.254378E+02	263	8.042316E+05	8.967896E+02	1.427285E+02
214	6.271355E+05	7.919189E+02	1.260378E+02	264	8.128700E+05	9.015930E+02	1.434384E+02
215	6.288201E+05	7.929818E+02	1.262070E+02	265	8.192312E+05	9.051139E+02	1.440534E+02
216	6.305365E+05	7.940633E+02	1.263791E+02	266	8.244935E+05	9.080163E+02	1.445153E+02
217	6.360419E+05	7.975223E+02	1.269296E+02	267	8.277061E+05	9.097836E+02	1.447966E+02
218	6.397107E+05	7.998192E+02	1.272925E+02	268	8.300701E+05	9.110818E+02	1.450932E+02
219	6.421914E+05	8.013685E+02	1.275418E+02	269	8.382322E+05	9.155502E+02	1.457143E+02
220	6.433561E+05	8.020948E+02	1.276574E+02	270	8.427845E+05	9.180330E+02	1.461095E+02
221	6.474317E+05	8.046314E+02	1.280611E+02	271	8.557074E+05	9.250446E+02	1.472254E+02
222	6.534487E+05	8.083617E+02	1.286548E+02	272	8.581847E+05	9.263826E+02	1.474384E+02
223	6.564797E+05	8.102344E+02	1.289528E+02	273	8.715326E+05	9.335591E+02	1.485805E+02
224	6.588527E+05	8.116974E+02	1.291857E+02	274	8.801638E+05	9.381705E+02	1.493145E+02
225	6.599387E+05	8.123661E+02	1.292921E+02	275	8.875416E+05	9.420943E+02	1.499390E+02
226	6.613106E+05	8.132100E+02	1.294264E+02	276	8.906869E+05	9.437621E+02	1.502044E+02
227	6.629499E+05	8.142174E+02	1.295867E+02	277	9.068411E+05	9.522820E+02	1.515604E+02
228	6.648309E+05	8.153716E+02	1.297704E+02	278	9.135525E+05	9.557994E+02	1.521202E+02
229	6.668159E+05	8.165879E+02	1.299640E+02	279	9.227446E+05	9.605960E+02	1.528836E+02
230	6.719665E+05	8.197356E+02	1.304650E+02	280	9.349129E+05	9.669090E+02	1.538883E+02
231	6.759340E+05	8.221520E+02	1.308496E+02	281	9.565291E+05	9.780231E+02	1.556572E+02
232	6.784543E+05	8.236834E+02	1.310933E+02	282	9.649696E+05	9.823286E+02	1.563425E+02
233	6.798239E+05	8.245144E+02	1.312255E+02	283	9.695135E+05	9.846388E+02	1.567101E+02
234	6.849903E+05	8.276414E+02	1.317232E+02	284	9.760811E+05	9.879681E+02	1.572400E+02
235	6.896612E+05	8.304584E+02	1.321716E+02	285	9.774804E+05	9.886761E+02	1.573527E+02
236	6.929041E+05	8.324086E+02	1.324819E+02	286	9.799469E+05	9.899227E+02	1.575511E+02
237	6.967099E+05	8.346915E+02	1.328453E+02	287	9.815382E+05	9.907261E+02	1.576790E+02
238	7.014068E+05	8.375003E+02	1.332923E+02	288	9.876353E+05	9.937984E+02	1.581679E+02
239	7.021237E+05	8.379282E+02	1.333604E+02	289	9.985292E+05	9.992643E+02	1.590379E+02
240	7.059601E+05	8.402143E+02	1.337243E+02	290	1.005012E+06	1.002503E+03	1.595533E+02
241	7.089671E+05	8.420019E+02	1.340088E+02	291	1.016102E+06	1.008019E+03	1.604312E+02
242	7.133460E+05	8.445981E+02	1.344220E+02	292	1.009751E+06	1.009751E+03	1.607069E+02
243	7.164552E+05	8.464367E+02	1.347146E+02	293	1.022553E+06	1.011213E+03	1.609396E+02
244	7.173589E+05	8.469704E+02	1.347995E+02	294	1.025023E+06	1.012434E+03	1.611339E+02
245	7.242068E+05	8.510034E+02	1.354414E+02	295	1.031285E+06	1.015522E+03	1.616254E+02
246	7.268407E+05	8.525496E+02	1.356875E+02	296	1.034685E+06	1.017195E+03	1.618916E+02
247	7.286043E+05	8.535832E+02	1.358520E+02	297	1.039646E+06	1.019630E+03	1.622792E+02
248	7.302464E+05	8.545445E+02	1.360050E+02	298	1.063337E+06	1.031182E+03	1.641177E+02
249	7.383304E+05	8.592616E+02	1.367557E+02	299	1.071166E+06	1.034971E+03	1.647208E+02
250	7.407713E+05	8.606807E+02	1.369816E+02	300	1.089134E+06	1.043616E+03	1.660966E+02

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
301	1.129676E+06	1.062862E+03	1.691598E+02	351	1.567276E+06	1.251909E+03	1.992475E+02
302	1.145690E+06	1.070369E+03	1.703545E+02	352	1.598346E+06	1.264257E+03	2.012127E+02
303	1.157701E+06	1.075965E+03	1.712451E+02	353	1.607402E+06	1.267833E+03	2.017820E+02
304	1.161306E+06	1.077639E+03	1.715116E+02	354	1.625612E+06	1.274995E+03	2.029217E+02
305	1.164995E+06	1.079349E+03	1.717838E+02	355	1.634937E+06	1.278646E+03	2.035029E+02
306	1.167629E+06	1.080569E+03	1.719779E+02	356	1.648587E+06	1.283973E+03	2.043506E+02
307	1.175142E+06	1.084040E+03	1.725303E+02	357	1.669872E+06	1.292235E+03	2.056657E+02
308	1.177528E+06	1.085140E+03	1.727054E+02	358	1.700636E+06	1.304084E+03	2.075515E+02
309	1.196608E+06	1.093896E+03	1.740989E+02	359	1.703511E+06	1.305186E+03	2.077269E+02
310	1.197100E+06	1.094121E+03	1.741347E+02	360	1.727777E+06	1.314449E+03	2.092011E+02
311	1.207138E+06	1.098698E+03	1.748632E+02	361	1.743577E+06	1.320446E+03	2.101554E+02
312	1.221974E+06	1.105429E+03	1.759345E+02	362	1.751487E+06	1.323438E+03	2.106317E+02
313	1.225374E+06	1.106966E+03	1.761792E+02	363	1.792997E+06	1.339028E+03	2.131130E+02
314	1.227448E+06	1.107903E+03	1.763282E+02	364	1.826238E+06	1.351384E+03	2.157948E+02
315	1.236060E+06	1.111782E+03	1.769456E+02	365	1.847867E+06	1.359363E+03	2.163493E+02
316	1.240823E+06	1.113922E+03	1.772862E+02	366	1.850478E+06	1.360323E+03	2.165021E+02
317	1.250933E+06	1.118451E+03	1.780070E+02	367	1.858656E+06	1.363325E+03	2.169800E+02
318	1.252248E+06	1.119039E+03	1.781005E+02	368	1.860145E+06	1.363871E+03	2.170669E+02
319	1.252987E+06	1.119369E+03	1.781531E+02	369	1.862656E+06	1.364792E+03	2.172133E+02
320	1.253119E+06	1.119428E+03	1.781625E+02	370	1.869325E+06	1.367232E+03	2.176018E+02
321	1.253844E+06	1.119752E+03	1.782140E+02	371	1.872437E+06	1.368370E+03	2.177829E+02
322	1.259569E+06	1.122305E+03	1.786240E+02	372	1.874361E+06	1.369073E+03	2.178948E+02
323	1.263783E+06	1.124181E+03	1.789190E+02	373	1.877973E+06	1.370392E+03	2.181046E+02
324	1.273070E+06	1.128304E+03	1.795751E+02	374	1.884199E+06	1.372661E+03	2.184659E+02
325	1.304120E+06	1.141981E+03	1.817519E+02	375	1.890494E+06	1.374952E+03	2.188304E+02
326	1.322307E+06	1.149916E+03	1.830149E+02	376	1.897824E+06	1.377615E+03	2.192543E+02
327	1.336026E+06	1.155866E+03	1.839618E+02	377	1.902583E+06	1.379341E+03	2.195290E+02
328	1.337034E+06	1.156302E+03	1.840312E+02	378	1.908302E+06	1.381413E+03	2.198587E+02
329	1.345039E+06	1.159758E+03	1.845812E+02	379	1.915993E+06	1.384194E+03	2.203013E+02
330	1.353498E+06	1.163399E+03	1.851608E+02	380	1.924894E+06	1.387405E+03	2.208124E+02
331	1.358179E+06	1.165409E+03	1.854806E+02	381	1.928496E+06	1.388703E+03	2.210189E+02
332	1.361268E+06	1.166734E+03	1.856915E+02	382	1.937668E+06	1.392001E+03	2.215439E+02
333	1.362480E+06	1.167253E+03	1.857741E+02	383	1.939407E+06	1.392626E+03	2.216433E+02
334	1.371484E+06	1.171104E+03	1.863870E+02	384	1.944322E+06	1.394389E+03	2.219240E+02
335	1.373432E+06	1.171935E+03	1.865193E+02	385	1.950696E+06	1.396673E+03	2.222875E+02
336	1.376211E+06	1.173120E+03	1.867079E+02	386	1.997766E+06	1.413424E+03	2.249534E+02
337	1.378400E+06	1.174053E+03	1.868563E+02	387	2.020019E+06	1.421274E+03	2.262027E+02
338	1.381445E+06	1.175349E+03	1.870626E+02	388	2.037848E+06	1.427532E+03	2.271988E+02
339	1.386094E+06	1.177325E+03	1.873771E+02	389	2.047664E+06	1.430966E+03	2.277453E+02
340	1.389936E+06	1.178955E+03	1.876366E+02	390	2.114559E+06	1.454152E+03	2.314355E+02
341	1.409233E+06	1.187111E+03	1.889346E+02	391	2.124457E+06	1.457552E+03	2.319765E+02
342	1.420220E+06	1.191730E+03	1.896697E+02	392	2.130420E+06	1.459596E+03	2.323019E+02
343	1.499450E+06	1.224520E+03	1.948885E+02	393	2.135291E+06	1.461264E+03	2.325673E+02
344	1.514172E+06	1.230517E+03	1.958429E+02	394	2.139787E+06	1.462801E+03	2.328120E+02
345	1.546836E+06	1.243719E+03	1.979440E+02	395	2.141761E+06	1.463476E+03	2.329194E+02
346	1.547476E+06	1.243976E+03	1.979849E+02	396	2.170472E+06	1.473252E+03	2.344754E+02
347	1.547485E+06	1.243979E+03	1.979855E+02	397	2.247661E+06	1.499220E+03	2.386083E+02
348	1.547488E+06	1.243981E+03	1.979857E+02	398	2.276038E+06	1.508654E+03	2.401098E+02
349	1.547535E+06	1.244000E+03	1.979887E+02	399	2.298406E+06	1.516050E+03	2.412868E+02
350	1.547619E+06	1.244033E+03	1.979941E+02	400	2.300313E+06	1.516678E+03	2.413869E+02

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
401	2.301019E+06	1.516911E+03	2.414239E+02	451	3.213265E+06	1.792558E+03	2.852945E+02
402	2.301138E+06	1.516950E+03	2.414301E+02	452	3.244834E+06	1.801342E+03	2.866925E+02
403	2.301532E+06	1.517080E+03	2.414508E+02	453	3.256240E+06	1.804505E+03	2.871960E+02
404	2.302453E+06	1.517383E+03	2.414991E+02	454	3.270026E+06	1.808321E+03	2.878033E+02
405	2.315808E+06	1.521778E+03	2.421985E+02	455	3.271680E+06	1.808779E+03	2.878761E+02
406	2.361908E+06	1.536850E+03	2.445973E+02	456	3.279049E+06	1.810814E+03	2.882001E+02
407	2.368303E+06	1.538929E+03	2.449282E+02	457	3.283779E+06	1.812120E+03	2.884078E+02
408	2.378178E+06	1.542134E+03	2.454383E+02	458	3.289918E+06	1.813813E+03	2.886773E+02
409	2.383634E+06	1.543902E+03	2.457197E+02	459	3.295778E+06	1.815428E+03	2.889343E+02
410	2.384255E+06	1.544103E+03	2.457517E+02	460	3.296586E+06	1.815650E+03	2.889697E+02
411	2.384478E+06	1.544175E+03	2.457632E+02	461	3.309789E+06	1.819282E+03	2.895478E+02
412	2.385664E+06	1.544559E+03	2.458243E+02	462	3.318411E+06	1.821651E+03	2.899247E+02
413	2.387528E+06	1.545163E+03	2.459203E+02	463	3.355396E+06	1.831774E+03	2.915359E+02
414	2.397783E+06	1.548478E+03	2.464479E+02	464	3.407917E+06	1.846055E+03	2.938087E+02
415	2.399208E+06	1.548938E+03	2.465211E+02	465	3.415173E+06	1.848019E+03	2.941213E+02
416	2.442385E+06	1.562813E+03	2.487294E+02	466	3.415352E+06	1.848067E+03	2.941290E+02
417	2.525520E+06	1.589189E+03	2.529272E+02	467	3.415521E+06	1.848113E+03	2.941363E+02
418	2.542705E+06	1.594586E+03	2.537863E+02	468	3.415863E+06	1.848205E+03	2.941510E+02
419	2.547478E+06	1.596082E+03	2.540244E+02	469	3.415909E+06	1.848218E+03	2.941530E+02
420	2.548691E+06	1.596462E+03	2.540848E+02	470	3.418613E+06	1.848949E+03	2.942694E+02
421	2.549496E+06	1.596714E+03	2.541249E+02	471	3.456480E+06	1.859161E+03	2.958947E+02
422	2.550785E+06	1.597118E+03	2.541892E+02	472	3.484252E+06	1.866615E+03	2.970810E+02
423	2.554674E+06	1.598335E+03	2.543829E+02	473	3.495725E+06	1.869686E+03	2.975697E+02
424	2.560754E+06	1.600236E+03	2.546854E+02	474	3.498657E+06	1.870470E+03	2.976945E+02
425	2.572049E+06	1.603761E+03	2.552465E+02	475	3.500763E+06	1.871033E+03	2.977841E+02
426	2.581968E+06	1.606850E+03	2.557382E+02	476	3.502028E+06	1.871371E+03	2.978379E+02
427	2.591081E+06	1.609684E+03	2.561891E+02	477	3.513195E+06	1.874352E+03	2.983124E+02
428	2.595218E+06	1.610968E+03	2.563935E+02	478	3.717298E+06	1.928030E+03	3.068555E+02
429	2.603057E+06	1.613399E+03	2.567805E+02	479	3.861083E+06	1.964964E+03	3.127337E+02
430	2.615015E+06	1.617101E+03	2.573696E+02	480	3.940580E+06	1.985089E+03	3.159368E+02
431	2.647910E+06	1.627240E+03	2.589833E+02	481	4.088679E+06	2.022048E+03	3.218190E+02
432	2.676771E+06	1.636084E+03	2.603909E+02	482	4.255974E+06	2.063001E+03	3.283368E+02
433	2.686869E+06	1.639167E+03	2.608816E+02	483	4.318015E+06	2.077983E+03	3.307213E+02
434	2.690782E+06	1.640360E+03	2.610714E+02	484	4.360390E+06	2.088155E+03	3.323401E+02
435	2.698206E+06	1.642622E+03	2.614314E+02	485	4.423659E+06	2.103250E+03	3.347426E+02
436	2.708898E+06	1.645873E+03	2.619488E+02	486	4.573038E+06	2.138466E+03	3.403475E+02
437	2.778215E+06	1.666798E+03	2.652791E+02	487	4.606016E+06	2.146163E+03	3.415725E+02
438	2.808951E+06	1.675993E+03	2.667425E+02	488	4.628597E+06	2.151417E+03	3.424087E+02
439	2.943765E+06	1.715740E+03	2.730685E+02	489	4.667978E+06	2.160550E+03	3.438623E+02
440	2.979399E+06	1.726094E+03	2.747163E+02	490	4.714879E+06	2.171377E+03	3.455854E+02
441	3.013847E+06	1.736044E+03	2.762999E+02	491	4.793964E+06	2.189512E+03	3.484717E+02
442	3.020183E+06	1.737867E+03	2.765902E+02	492	4.809634E+06	2.193088E+03	3.490488E+02
443	3.045445E+06	1.745120E+03	2.777445E+02	493	4.890731E+06	2.211500E+03	3.519711E+02
444	3.049715E+06	1.746343E+03	2.779392E+02	494	4.902092E+06	2.214067E+03	3.523797E+02
445	3.114487E+06	1.764791E+03	2.808752E+02	495	4.975901E+06	2.230673E+03	3.550226E+02
446	3.130607E+06	1.769352E+03	2.816011E+02	496	5.079629E+06	2.253803E+03	3.587039E+02
447	3.134834E+06	1.770546E+03	2.817912E+02	497	5.133039E+06	2.265621E+03	3.605848E+02
448	3.158307E+06	1.777163E+03	2.828442E+02	498	5.232590E+06	2.287485E+03	3.640646E+02
449	3.162070E+06	1.778221E+03	2.830127E+02	499	5.360390E+06	2.315252E+03	3.684837E+02
450	3.177460E+06	1.782543E+03	2.837006E+02	500	5.405133E+06	2.324894E+03	3.700184E+02

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
501	5.619815E+06	2.370615E+03	3.772951E+02	551	1.906623E+07	4.366490E+03	6.949484E+02
502	5.677107E+06	2.382668E+03	3.792134E+02	552	1.981400E+07	4.451292E+03	7.084451E+02
503	5.743928E+06	2.396649E+03	3.814386E+02	553	2.147154E+07	4.633740E+03	7.374825E+02
504	5.956715E+06	2.440638E+03	3.884396E+02	554	2.181391E+07	4.670536E+03	7.433389E+02
505	5.980033E+06	2.445411E+03	3.891992E+02	555	2.245221E+07	4.738376E+03	7.541360E+02
506	6.190582E+06	2.488088E+03	3.959915E+02	556	2.303912E+07	4.799908E+03	7.639291E+02
507	6.337023E+06	2.517344E+03	4.006478E+02	557	2.368947E+07	4.867183E+03	7.746363E+02
508	6.625186E+06	2.573944E+03	4.096559E+02	558	2.402001E+07	4.901021E+03	7.800218E+02
509	6.652129E+06	2.579172E+03	4.104880E+02	559	2.509145E+07	5.009137E+03	7.972289E+02
510	7.034529E+06	2.652269E+03	4.221217E+02	560	2.548451E+07	5.048218E+03	8.034489E+02
511	7.346850E+06	2.710507E+03	4.313906E+02	561	2.583079E+07	5.082400E+03	8.088890E+02
512	7.540099E+06	2.745924E+03	4.370274E+02	562	2.615113E+07	5.113817E+03	8.138893E+02
513	7.901872E+06	2.811027E+03	4.473888E+02	563	2.697295E+07	5.193549E+03	8.265790E+02
514	8.176814E+06	2.859513E+03	4.551056E+02	564	2.777863E+07	5.270544E+03	8.388331E+02
515	8.502767E+06	2.915950E+03	4.640879E+02	565	2.815704E+07	5.306321E+03	8.445272E+02
516	8.836384E+06	2.972606E+03	4.731049E+02	566	3.050988E+07	5.523575E+03	8.791042E+02
517	8.872691E+06	2.978706E+03	4.740758E+02	567	3.114499E+07	5.580770E+03	8.882071E+02
518	9.169138E+06	3.028059E+03	4.819305E+02	568	3.188131E+07	5.646354E+03	8.984891E+02
519	9.277463E+06	3.045893E+03	4.847689E+02	569	3.364154E+07	5.800133E+03	9.231199E+02
520	9.380705E+06	3.062794E+03	4.874587E+02	570	3.399877E+07	5.830846E+03	9.280080E+02
521	9.755357E+06	3.123357E+03	4.970976E+02	571	3.545716E+07	5.954592E+03	9.477027E+02
522	9.989587E+06	3.160631E+03	5.030300E+02	572	3.643984E+07	6.036544E+03	9.670455E+02
523	1.011740E+07	3.180786E+03	5.062378E+02	573	3.698739E+07	6.081726E+03	9.679367E+02
524	1.069156E+07	3.269795E+03	5.204040E+02	574	3.941362E+07	6.278027E+03	9.991790E+02
525	1.074037E+07	3.277251E+03	5.215906E+02	575	4.099294E+07	6.402573E+03	1.019001E+03
526	1.086469E+07	3.296164E+03	5.246007E+02	576	4.142471E+07	6.436203E+03	1.024354E+03
527	1.113578E+07	3.337032E+03	5.311051E+02	577	4.727203E+07	6.875466E+03	1.094264E+03
528	1.138824E+07	3.374647E+03	5.370917E+02	578	5.027338E+07	7.090372E+03	1.128468E+03
529	1.179881E+07	3.434940E+03	5.466877E+02	579	5.218802E+07	7.224128E+03	1.149756E+03
530	1.222359E+07	3.496225E+03	5.564415E+02	580	5.940205E+07	7.707272E+03	1.226650E+03
531	1.285335E+07	3.585157E+03	5.705955E+02	581	6.121890E+07	7.824251E+03	1.245268E+03
532	1.290157E+07	3.591876E+03	5.716648E+02	582	6.927730E+07	8.323299E+03	1.324694E+03
533	1.318997E+07	3.631799E+03	5.780188E+02	583	7.468536E+07	8.642069E+03	1.375428E+03
534	1.338425E+07	3.658449E+03	5.822603E+02	584	8.200812E+07	9.055834E+03	1.441281E+03
535	1.358948E+07	3.686392E+03	5.867075E+02	585	9.030585E+07	9.502939E+03	1.512440E+03
536	1.410682E+07	3.755905E+03	5.977709E+02	586	9.397024E+07	9.693825E+03	1.542820E+03
537	1.441072E+07	3.796145E+03	6.041753E+02	587	9.622146E+07	9.809254E+03	1.561191E+03
538	1.466735E+07	3.829798E+03	6.095312E+02	588	1.016911E+08	1.008420E+04	1.604950E+03
539	1.488348E+07	3.857911E+03	6.140056E+02	589	1.029091E+08	1.014441E+04	1.614534E+03
540	1.500118E+07	3.873136E+03	6.164287E+02	590	1.196645E+08	1.093913E+04	1.741016E+03
541	1.520685E+07	3.899596E+03	6.206400E+02	591	1.200233E+08	1.095551E+04	1.743624E+03
542	1.548105E+07	3.934596E+03	6.262104E+02	592	1.206737E+08	1.098516E+04	1.748342E+03
543	1.588154E+07	3.985165E+03	6.342587E+02	593	1.217078E+08	1.103212E+04	1.755817E+03
544	1.596652E+07	3.995813E+03	6.359534E+02	594	1.222161E+08	1.105514E+04	1.759480E+03
545	1.620079E+07	4.025020E+03	6.406019E+02	595	1.270928E+08	1.127354E+04	1.794240E+03
546	1.651326E+07	4.063651E+03	6.467502E+02	596	4.487697E+08	2.118418E+04	3.371568E+03
547	1.728154E+07	4.157107E+03	6.616242E+02	597	4.494280E+08	2.119972E+04	3.374040E+03
548	1.745948E+07	4.178455E+03	6.650217E+02	598	4.502290E+08	2.121860E+04	3.377045E+03
549	1.765994E+07	4.202373E+03	6.688285E+02	599	4.526314E+08	2.127514E+04	3.386043E+03
550	1.837389E+07	4.286477E+03	6.822140E+02	600	4.535875E+08	2.129759E+04	3.389617E+03

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY
601	4.539463E+08	2.130602E+04	3.390958E+03
602	1.107202E+09	3.327465E+04	5.295825E+03
603	1.108148E+09	3.328885E+04	5.298086E+03
604	1.110691E+09	3.332702E+04	5.304161E+03
605	1.112625E+09	3.335603E+04	5.308777E+03
606	1.113402E+09	3.336768E+04	5.310631E+03
607	1.114228E+09	3.338005E+04	5.312601E+03

***** Final Integrated Assembly *****

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

S D I S P L A C E M E N T S E T

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-1	1271-3	1271-4	1271-5	1271-6	111869-1	111869-2	111869-4	111869-5	111869-6 =	10
11 =	111885-2	111885-4	111885-5	111885-6	113369-1	113369-2	113369-4	113369-5	113369-6	113385-2 =	20
21 =	113385-4	113385-5	113385-6								

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

B DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10
1 =	1271-2	111869-3	111885-1	111885-3	113369-3	113385-1	113385-3			

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

Q D I S P L A C E M E N T S E T

	1	2	3	4	5	6	7	8	9	10	
1 =	9000001-0	9000002-0	9000003-0	9000004-0	9000005-0	9000006-0	9000007-0	9000008-0	9000009-0	9000010-0	= 10
11 =	9000011-0	9000012-0	9000013-0	9000014-0	9000015-0	9000016-0	9000017-0	9000018-0	9000019-0	9000020-0	= 20
21 =	9000021-0	9000022-0	9000023-0	9000024-0	9000025-0	9000026-0	9000027-0	9000028-0	9000029-0	9000030-0	= 30
31 =	9000031-0	9000032-0	9000033-0	9000034-0	9000035-0	9000036-0	9000037-0	9000038-0	9000039-0	9000040-0	= 40
41 =	9000041-0	9000042-0	9000043-0	9000044-0	9000045-0	9000046-0	9000047-0	9000048-0	9000049-0	9000050-0	= 50
51 =	9000051-0	9000052-0	9000053-0	9000054-0	9000055-0	9000056-0	9000057-0	9000058-0	9000059-0	9000060-0	= 60
61 =	9000061-0	9000062-0	9000063-0	9000064-0	9000065-0	9000066-0	9000067-0	9000068-0	9000069-0	9000070-0	= 70
71 =	9000071-0	9000072-0	9000073-0	9000074-0	9000075-0	9000076-0	9000077-0	9000078-0	9000079-0	9000080-0	= 80
81 =	9000081-0	9000082-0	9000083-0	9000084-0	9000085-0	9000086-0	9000087-0	9000088-0	9000089-0	9000090-0	= 90
91 =	9000091-0	9000092-0	9000093-0	9000094-0	9000095-0	9000096-0	9000097-0	9000098-0	9000099-0	9000100-0	= 100
101 =	9000101-0	9000102-0	9000103-0	9000104-0	9000105-0	9000106-0	9000107-0	9000108-0	9000109-0	9000110-0	= 110
111 =	9000111-0	9000112-0	9000113-0	9000114-0	9000115-0	9000116-0	9000117-0	9000118-0	9000119-0	9000120-0	= 120
121 =	9000121-0	9000122-0	9000123-0	9000124-0	9000125-0	9000126-0	9000127-0	9000128-0	9000129-0	9000130-0	= 130
131 =	9000131-0	9000132-0	9000133-0	9000134-0	9000135-0	9000136-0	9000137-0	9000138-0	9000139-0	9000140-0	= 140
141 =	9000141-0	9000142-0	9000143-0	9000144-0	9000145-0	9000146-0	9000147-0	9000148-0	9000149-0	9000150-0	= 150
151 =	9000151-0	9000152-0	9000153-0	9000154-0	9000155-0	9000156-0	9000157-0	9000158-0	9000159-0	9000160-0	= 160
161 =	9000161-0	9000162-0	9000163-0	9000164-0	9000165-0	9000166-0	9000167-0	9000168-0	9000169-0	9000170-0	= 170
171 =	9000171-0	9000172-0	9000173-0	9000174-0	9000175-0	9000176-0	9000177-0	9000178-0	9000179-0	9000180-0	= 180
181 =	9000181-0	9000182-0	9000183-0	9000184-0	9000185-0	9000186-0	9000187-0	9000188-0	9000189-0	9000190-0	= 190
191 =	9000191-0	9000192-0	9000193-0	9000194-0	9000195-0	9000196-0	9000197-0	9000198-0	9000199-0	9000200-0	= 200
201 =	9000201-0	9000202-0	9000203-0	9000204-0	9000205-0	9000206-0	9000207-0	9000208-0	9000209-0	9000210-0	= 210
211 =	9000211-0	9000212-0	9000213-0	9000214-0	9000215-0	9000216-0	9000217-0	9000218-0	9000219-0	9000220-0	= 220
221 =	9000221-0	9000222-0	9000223-0	9000224-0	9000225-0	9000226-0	9000227-0	9000228-0	9000229-0	9000230-0	= 230
231 =	9000231-0	9000232-0	9000233-0	9000234-0	9000235-0	9000236-0	9000237-0	9000238-0	9000239-0	9000240-0	= 240
241 =	9000241-0	9000242-0	9000243-0	9000244-0	9000245-0	9000246-0	9000247-0	9000248-0	9000249-0	9000250-0	= 250
251 =	9000251-0	9000252-0	9000253-0	9000254-0	9000255-0	9000256-0	9000257-0	9000258-0	9000259-0	9000260-0	= 260
261 =	9000261-0	9000262-0	9000263-0	9000264-0	9000265-0	9000266-0	9000267-0	9000268-0	9000269-0	9000270-0	= 270
271 =	9000271-0	9000272-0	9000273-0	9000274-0	9000275-0						

U S E T D E F I N I T I O N T A B L E (I N T E R N A L S E Q U E N C E , R O W S O R T)

A DISPLACEMENT SET

	1	2	3	4	5	6	7	8	9	10	
1 =	1271-2	111869-3	111885-1	111885-3	113369-3	113385-1	113385-3	9000001-0	9000002-0	9000003-0	= 10
11 =	9000004-0	9000005-0	9000006-0	9000007-0	9000008-0	9000009-0	9000010-0	9000011-0	9000012-0	9000013-0	= 20
21 =	9000014-0	9000015-0	9000016-0	9000017-0	9000018-0	9000019-0	9000020-0	9000021-0	9000022-0	9000023-0	= 30
31 =	9000024-0	9000025-0	9000026-0	9000027-0	9000028-0	9000029-0	9000030-0	9000031-0	9000032-0	9000033-0	= 40
41 =	9000034-0	9000035-0	9000036-0	9000037-0	9000038-0	9000039-0	9000040-0	9000041-0	9000042-0	9000043-0	= 50
51 =	9000044-0	9000045-0	9000046-0	9000047-0	9000048-0	9000049-0	9000050-0	9000051-0	9000052-0	9000053-0	= 60
61 =	9000054-0	9000055-0	9000056-0	9000057-0	9000058-0	9000059-0	9000060-0	9000061-0	9000062-0	9000063-0	= 70
71 =	9000064-0	9000065-0	9000066-0	9000067-0	9000068-0	9000069-0	9000070-0	9000071-0	9000072-0	9000073-0	= 80
81 =	9000074-0	9000075-0	9000076-0	9000077-0	9000078-0	9000079-0	9000080-0	9000081-0	9000082-0	9000083-0	= 90
91 =	9000084-0	9000085-0	9000086-0	9000087-0	9000088-0	9000089-0	9000090-0	9000091-0	9000092-0	9000093-0	= 100
101 =	9000094-0	9000095-0	9000096-0	9000097-0	9000098-0	9000099-0	9000100-0	9000101-0	9000102-0	9000103-0	= 110
111 =	9000104-0	9000105-0	9000106-0	9000107-0	9000108-0	9000109-0	9000110-0	9000111-0	9000112-0	9000113-0	= 120
121 =	9000114-0	9000115-0	9000116-0	9000117-0	9000118-0	9000119-0	9000120-0	9000121-0	9000122-0	9000123-0	= 130
131 =	9000124-0	9000125-0	9000126-0	9000127-0	9000128-0	9000129-0	9000130-0	9000131-0	9000132-0	9000133-0	= 140
141 =	9000134-0	9000135-0	9000136-0	9000137-0	9000138-0	9000139-0	9000140-0	9000141-0	9000142-0	9000143-0	= 150
151 =	9000144-0	9000145-0	9000146-0	9000147-0	9000148-0	9000149-0	9000150-0	9000151-0	9000152-0	9000153-0	= 160
161 =	9000154-0	9000155-0	9000156-0	9000157-0	9000158-0	9000159-0	9000160-0	9000161-0	9000162-0	9000163-0	= 170
171 =	9000164-0	9000165-0	9000166-0	9000167-0	9000168-0	9000169-0	9000170-0	9000171-0	9000172-0	9000173-0	= 180
181 =	9000174-0	9000175-0	9000176-0	9000177-0	9000178-0	9000179-0	9000180-0	9000181-0	9000182-0	9000183-0	= 190
191 =	9000184-0	9000185-0	9000186-0	9000187-0	9000188-0	9000189-0	9000190-0	9000191-0	9000192-0	9000193-0	= 200
201 =	9000194-0	9000195-0	9000196-0	9000197-0	9000198-0	9000199-0	9000200-0	9000201-0	9000202-0	9000203-0	= 210
211 =	9000204-0	9000205-0	9000206-0	9000207-0	9000208-0	9000209-0	9000210-0	9000211-0	9000212-0	9000213-0	= 220
221 =	9000214-0	9000215-0	9000216-0	9000217-0	9000218-0	9000219-0	9000220-0	9000221-0	9000222-0	9000223-0	= 230
231 =	9000224-0	9000225-0	9000226-0	9000227-0	9000228-0	9000229-0	9000230-0	9000231-0	9000232-0	9000233-0	= 240
241 =	9000234-0	9000235-0	9000236-0	9000237-0	9000238-0	9000239-0	9000240-0	9000241-0	9000242-0	9000243-0	= 250
251 =	9000244-0	9000245-0	9000246-0	9000247-0	9000248-0	9000249-0	9000250-0	9000251-0	9000252-0	9000253-0	= 260
261 =	9000254-0	9000255-0	9000256-0	9000257-0	9000258-0	9000259-0	9000260-0	9000261-0	9000262-0	9000263-0	= 270
271 =	9000264-0	9000265-0	9000266-0	9000267-0	9000268-0	9000269-0	9000270-0	9000271-0	9000272-0	9000273-0	= 280
281 =	9000274-0	9000275-0									

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	-7.259371E-04	2.694322E-02	4.288147E-03	51	7.456006E+04	2.730569E+02	4.345835E+01
2	-5.244547E-07	7.241924E-04	1.152588E-04	52	7.840812E+04	2.800145E+02	4.456569E+01
3	2.833669E-05	5.323221E-03	8.472170E-04	53	7.988830E+04	2.826452E+02	4.498438E+01
4	1.025839E-04	1.012837E-02	1.611980E-03	54	8.304530E+04	2.881758E+02	4.586460E+01
5	1.519418E-04	1.232647E-02	1.961819E-03	55	8.494802E+04	2.914584E+02	4.638705E+01
6	3.757825E-04	1.938511E-02	3.085236E-03	56	8.838805E+04	2.973013E+02	4.731697E+01
7	5.937564E+03	7.705559E+01	1.226378E+01	57	8.957164E+04	2.992852E+02	4.763272E+01
8	7.636230E+03	8.738552E+01	1.390784E+01	58	9.237534E+04	3.039331E+02	4.837246E+01
9	1.704968E+04	1.305744E+02	2.078157E+01	59	9.375642E+04	3.061967E+02	4.873272E+01
10	1.876473E+04	1.369844E+02	2.180176E+01	60	9.599127E+04	3.098246E+02	4.931011E+01
11	2.164830E+04	1.471336E+02	2.341704E+01	61	9.709604E+04	3.116024E+02	4.959306E+01
12	2.187652E+04	1.479071E+02	2.354015E+01	62	9.807891E+04	3.131755E+02	4.984343E+01
13	2.210968E+04	1.486933E+02	2.366527E+01	63	1.030131E+05	3.209565E+02	5.108182E+01
14	2.221039E+04	1.490315E+02	2.371910E+01	64	1.044796E+05	3.232330E+02	5.144413E+01
15	2.250601E+04	1.500200E+02	2.387643E+01	65	1.051304E+05	3.242381E+02	5.160410E+01
16	2.263250E+04	1.504410E+02	2.394343E+01	66	1.064425E+05	3.262553E+02	5.192515E+01
17	2.432358E+04	1.559602E+02	2.482184E+01	67	1.073348E+05	3.276198E+02	5.214232E+01
18	2.570845E+04	1.603385E+02	2.551876E+01	68	1.078932E+05	3.284710E+02	5.227778E+01
19	2.647427E+04	1.627092E+02	2.589597E+01	69	1.078946E+05	3.284731E+02	5.227813E+01
20	2.650139E+04	1.627925E+02	2.590923E+01	70	1.086582E+05	3.296335E+02	5.246280E+01
21	2.662790E+04	1.631806E+02	2.597100E+01	71	1.094082E+05	3.307691E+02	5.264354E+01
22	2.692983E+04	1.641031E+02	2.611782E+01	72	1.096474E+05	3.311304E+02	5.270104E+01
23	2.705096E+04	1.644718E+02	2.617649E+01	73	1.098636E+05	3.314567E+02	5.275297E+01
24	2.711238E+04	1.646584E+02	2.620620E+01	74	1.122011E+05	3.349644E+02	5.331124E+01
25	2.825655E+04	1.680968E+02	2.675344E+01	75	1.124361E+05	3.353150E+02	5.336704E+01
26	3.262077E+04	1.806122E+02	2.874533E+01	76	1.138426E+05	3.374057E+02	5.369978E+01
27	3.295732E+04	1.815415E+02	2.889323E+01	77	1.143005E+05	3.380836E+02	5.380768E+01
28	3.459384E+04	1.859942E+02	2.960189E+01	78	1.153521E+05	3.396353E+02	5.405463E+01
29	3.697947E+04	1.923005E+02	3.060557E+01	79	1.167812E+05	3.417327E+02	5.438845E+01
30	3.866196E+04	1.966265E+02	3.129407E+01	80	1.177073E+05	3.430850E+02	5.460367E+01
31	3.934862E+04	1.983649E+02	3.157075E+01	81	1.215569E+05	3.486501E+02	5.548938E+01
32	3.948647E+04	1.987120E+02	3.162600E+01	82	1.229914E+05	3.507013E+02	5.581584E+01
33	3.967175E+04	1.991777E+02	3.170011E+01	83	1.275600E+05	3.571554E+02	5.684305E+01
34	3.992468E+04	1.998116E+02	3.180101E+01	84	1.332140E+05	3.649849E+02	5.808916E+01
35	4.003118E+04	2.000779E+02	3.184339E+01	85	1.362856E+05	3.691688E+02	5.875504E+01
36	4.067005E+04	2.016682E+02	3.209649E+01	86	1.378814E+05	3.713238E+02	5.909802E+01
37	4.477273E+04	2.115957E+02	3.367650E+01	87	1.407885E+05	3.752179E+02	5.971778E+01
38	4.767291E+04	2.183413E+02	3.475009E+01	88	1.437145E+05	3.790970E+02	6.033516E+01
39	5.077581E+04	2.253349E+02	3.586316E+01	89	1.477461E+05	3.843776E+02	6.117559E+01
40	5.373816E+04	2.318149E+02	3.689449E+01	90	1.530436E+05	3.912079E+02	6.226268E+01
41	5.724873E+04	2.392671E+02	3.808054E+01	91	1.571518E+05	3.964238E+02	6.309281E+01
42	5.726924E+04	2.393099E+02	3.808736E+01	92	1.644268E+05	4.054957E+02	6.453665E+01
43	5.728942E+04	2.393521E+02	3.809407E+01	93	1.651484E+05	4.063846E+02	6.467812E+01
44	5.730829E+04	2.393915E+02	3.810034E+01	94	1.668278E+05	4.084456E+02	6.500613E+01
45	5.732277E+04	2.394217E+02	3.810515E+01	95	1.670157E+05	4.086755E+02	6.504273E+01
46	5.733492E+04	2.394471E+02	3.810919E+01	96	1.671672E+05	4.088609E+02	6.507223E+01
47	6.244467E+04	2.498893E+02	3.977112E+01	97	1.674482E+05	4.092044E+02	6.512690E+01
48	6.310457E+04	2.512062E+02	3.998071E+01	98	1.683026E+05	4.102470E+02	6.529284E+01
49	6.831229E+04	2.613662E+02	4.159772E+01	99	1.687267E+05	4.107636E+02	6.537505E+01
50	6.965154E+04	2.639158E+02	4.200350E+01	100	1.695881E+05	4.118108E+02	6.554172E+01

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.703265E+05	4.127064E+02	6.568426E+01	151	2.835391E+05	5.324839E+02	8.474744E+01
102	1.712890E+05	4.138707E+02	6.586957E+01	152	2.919553E+05	5.403288E+02	8.599601E+01
103	1.737980E+05	4.168908E+02	6.635024E+01	153	2.973847E+05	5.453299E+02	8.679195E+01
104	1.747745E+05	4.180604E+02	6.653638E+01	154	2.997262E+05	5.474726E+02	8.713297E+01
105	1.782249E+05	4.221669E+02	6.718994E+01	155	3.043131E+05	5.516458E+02	8.779716E+01
106	1.794348E+05	4.235974E+02	6.741762E+01	156	3.081867E+05	5.551457E+02	8.835418E+01
107	1.804251E+05	4.247648E+02	6.760342E+01	157	3.107420E+05	5.574424E+02	8.871971E+01
108	1.812446E+05	4.257284E+02	6.775677E+01	158	3.222385E+05	5.676605E+02	9.034598E+01
109	1.824432E+05	4.271337E+02	6.798044E+01	159	3.229160E+05	5.682570E+02	9.044091E+01
110	1.830611E+05	4.278564E+02	6.809547E+01	160	3.264100E+05	5.713230E+02	9.092888E+01
111	1.846709E+05	4.297335E+02	6.839422E+01	161	3.369485E+05	5.804727E+02	9.238509E+01
112	1.877216E+05	4.332685E+02	6.895682E+01	162	3.387604E+05	5.820312E+02	9.263315E+01
113	1.918607E+05	4.380191E+02	6.971290E+01	163	3.404307E+05	5.834644E+02	9.286124E+01
114	1.934796E+05	4.398632E+02	7.000640E+01	164	3.482153E+05	5.901486E+02	9.392506E+01
115	1.962710E+05	4.430248E+02	7.050959E+01	165	3.640148E+05	6.033364E+02	9.602397E+01
116	2.003310E+05	4.475835E+02	7.123513E+01	166	3.744474E+05	6.119210E+02	9.739026E+01
117	2.042761E+05	4.519692E+02	7.193313E+01	167	3.799079E+05	6.163667E+02	9.809781E+01
118	2.081993E+05	4.562887E+02	7.262059E+01	168	3.823995E+05	6.183846E+02	9.841896E+01
119	2.094296E+05	4.576348E+02	7.283485E+01	169	3.861182E+05	6.213841E+02	9.889635E+01
120	2.102829E+05	4.585661E+02	7.298306E+01	170	3.914602E+05	6.256678E+02	9.957812E+01
121	2.134422E+05	4.619981E+02	7.352928E+01	171	3.934459E+05	6.272526E+02	9.983036E+01
122	2.168784E+05	4.657020E+02	7.411878E+01	172	3.984112E+05	6.311982E+02	1.004583E+02
123	2.181824E+05	4.671000E+02	7.434127E+01	173	4.083336E+05	6.390099E+02	1.017016E+02
124	2.207344E+05	4.698238E+02	7.477478E+01	174	4.145851E+05	6.438828E+02	1.024771E+02
125	2.229448E+05	4.721703E+02	7.514824E+01	175	4.219954E+05	6.496117E+02	1.033889E+02
126	2.272685E+05	4.767268E+02	7.587343E+01	176	4.246693E+05	6.516666E+02	1.037160E+02
127	2.288772E+05	4.784111E+02	7.614149E+01	177	4.253229E+05	6.521679E+02	1.037957E+02
128	2.305851E+05	4.801927E+02	7.642505E+01	178	4.259172E+05	6.526233E+02	1.038682E+02
129	2.332359E+05	4.829450E+02	7.686309E+01	179	4.262695E+05	6.528932E+02	1.039112E+02
130	2.394579E+05	4.893443E+02	7.788157E+01	180	4.266641E+05	6.531953E+02	1.039593E+02
131	2.486042E+05	4.986022E+02	7.935501E+01	181	4.291995E+05	6.551332E+02	1.042677E+02
132	2.488747E+05	4.988734E+02	7.939817E+01	182	4.345218E+05	6.591827E+02	1.049122E+02
133	2.506434E+05	5.006429E+02	7.967980E+01	183	4.363637E+05	6.605783E+02	1.051343E+02
134	2.511547E+05	5.011533E+02	7.976103E+01	184	4.371070E+05	6.611407E+02	1.052238E+02
135	2.511894E+05	5.011880E+02	7.976654E+01	185	4.374984E+05	6.614366E+02	1.052709E+02
136	2.512616E+05	5.012600E+02	7.977801E+01	186	4.376273E+05	6.615340E+02	1.052864E+02
137	2.514407E+05	5.014386E+02	7.980643E+01	187	4.418057E+05	6.646847E+02	1.057879E+02
138	2.521617E+05	5.021570E+02	7.992078E+01	188	4.433311E+05	6.658311E+02	1.059703E+02
139	2.550966E+05	5.050709E+02	8.038453E+01	189	4.487574E+05	6.698936E+02	1.066169E+02
140	2.565377E+05	5.064955E+02	8.061126E+01	190	4.565537E+05	6.756876E+02	1.075390E+02
141	2.605316E+05	5.104230E+02	8.123634E+01	191	4.681649E+05	6.842258E+02	1.088979E+02
142	2.613263E+05	5.112008E+02	8.136014E+01	192	4.742859E+05	6.886842E+02	1.096075E+02
143	2.615809E+05	5.114498E+02	8.139976E+01	193	4.824718E+05	6.946019E+02	1.105493E+02
144	2.621997E+05	5.120544E+02	8.149598E+01	194	4.962921E+05	7.044800E+02	1.121215E+02
145	2.636611E+05	5.134794E+02	8.172278E+01	195	5.003036E+05	7.073215E+02	1.125737E+02
146	2.637325E+05	5.135489E+02	8.173384E+01	196	5.011714E+05	7.079346E+02	1.126713E+02
147	2.730777E+05	5.225684E+02	8.316934E+01	197	5.099588E+05	7.141140E+02	1.136548E+02
148	2.755271E+05	5.249068E+02	8.354151E+01	198	5.152435E+05	7.178046E+02	1.142422E+02
149	2.766161E+05	5.259430E+02	8.370644E+01	199	5.214038E+05	7.220829E+02	1.149231E+02
150	2.783749E+05	5.276125E+02	8.397213E+01	200	5.431950E+05	7.370176E+02	1.173000E+02

U N C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.482498E+05	7.404389E+02	1.178445E+02	251	7.394337E+05	8.599033E+02	1.368579E+02
202	5.583600E+05	7.472349E+02	1.189261E+02	252	7.488933E+05	8.653862E+02	1.377305E+02
203	5.598708E+05	7.482452E+02	1.190869E+02	253	7.498588E+05	8.659439E+02	1.378192E+02
204	5.800691E+05	7.616227E+02	1.212160E+02	254	7.553344E+05	8.690997E+02	1.383215E+02
205	5.813439E+05	7.624591E+02	1.213491E+02	255	7.581641E+05	8.707262E+02	1.385804E+02
206	5.883402E+05	7.670334E+02	1.220772E+02	256	7.591003E+05	8.712636E+02	1.386659E+02
207	5.947045E+05	7.711708E+02	1.227357E+02	257	7.619718E+05	8.729100E+02	1.389279E+02
208	6.008529E+05	7.751470E+02	1.233685E+02	258	7.674646E+05	8.760505E+02	1.394278E+02
209	6.015999E+05	7.756287E+02	1.234451E+02	259	7.708336E+05	8.779713E+02	1.397335E+02
210	6.152195E+05	7.843593E+02	1.248347E+02	260	7.792971E+05	8.827781E+02	1.404985E+02
211	6.156490E+05	7.846330E+02	1.248782E+02	261	7.953996E+05	8.918518E+02	1.419426E+02
212	6.167551E+05	7.853375E+02	1.249904E+02	262	7.983174E+05	8.934861E+02	1.422027E+02
213	6.172726E+05	7.856670E+02	1.250428E+02	263	7.990052E+05	8.938709E+02	1.422640E+02
214	6.214294E+05	7.883079E+02	1.254631E+02	264	8.033496E+05	8.962977E+02	1.426502E+02
215	6.283532E+05	7.926873E+02	1.261601E+02	265	8.129138E+05	9.016173E+02	1.434969E+02
216	6.301377E+05	7.938121E+02	1.263391E+02	266	8.148498E+05	9.026903E+02	1.436676E+02
217	6.329592E+05	7.955873E+02	1.266217E+02	267	8.229497E+05	9.071657E+02	1.443799E+02
218	6.378279E+05	7.986413E+02	1.271077E+02	268	8.271806E+05	9.105935E+02	1.449255E+02
219	6.397478E+05	7.998424E+02	1.272989E+02	269	8.359007E+05	9.142760E+02	1.455116E+02
220	6.418463E+05	8.011531E+02	1.275075E+02	270	8.416779E+05	9.174301E+02	1.460135E+02
221	6.461023E+05	8.038049E+02	1.279295E+02	271	8.482883E+05	9.210257E+02	1.465858E+02
222	6.510400E+05	8.068705E+02	1.284174E+02	272	8.546359E+05	9.244652E+02	1.471332E+02
223	6.545467E+05	8.090406E+02	1.287628E+02	273	8.571490E+05	9.258234E+02	1.473494E+02
224	6.555755E+05	8.096761E+02	1.288640E+02	274	8.780735E+05	9.370557E+02	1.491371E+02
225	6.578569E+05	8.110838E+02	1.290880E+02	275	8.865861E+05	9.415870E+02	1.498582E+02
226	6.591796E+05	8.118988E+02	1.292177E+02	276	1.040628E+06	1.020112E+03	1.623558E+02
227	6.599368E+05	8.123649E+02	1.292919E+02	277	1.057439E+06	1.028319E+03	1.636620E+02
228	6.616963E+05	8.134472E+02	1.294641E+02	278	1.464405E+06	1.210126E+03	1.925976E+02
229	6.635587E+05	8.145911E+02	1.296462E+02	279	1.535909E+06	1.239318E+03	1.972436E+02
230	6.668544E+05	8.166116E+02	1.299678E+02	280	2.022421E+06	1.422119E+03	2.263372E+02
231	6.670714E+05	8.167444E+02	1.299889E+02	281	2.146684E+06	1.465157E+03	2.331869E+02
232	6.753147E+05	8.217753E+02	1.307896E+02	282	2.465279E+06	1.570121E+03	2.498925E+02
233	6.759504E+05	8.221620E+02	1.308512E+02				
234	6.824566E+05	8.261093E+02	1.314794E+02				
235	6.843861E+05	8.272763E+02	1.316651E+02				
236	6.875808E+05	8.292049E+02	1.319721E+02				
237	6.921761E+05	8.319712E+02	1.324123E+02				
238	6.944728E+05	8.333503E+02	1.326318E+02				
239	7.004458E+05	8.369264E+02	1.332010E+02				
240	7.031330E+05	8.385302E+02	1.334562E+02				
241	7.068709E+05	8.407561E+02	1.338105E+02				
242	7.090447E+05	8.420479E+02	1.340161E+02				
243	7.128359E+05	8.442961E+02	1.343739E+02				
244	7.142547E+05	8.451359E+02	1.345076E+02				
245	7.165157E+05	8.464725E+02	1.347203E+02				
246	7.250293E+05	8.514865E+02	1.355183E+02				
247	7.274190E+05	8.528886E+02	1.357414E+02				
248	7.291458E+05	8.539003E+02	1.359025E+02				
249	7.344734E+05	8.570142E+02	1.363980E+02				
250	7.359506E+05	8.578756E+02	1.365351E+02				

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
1	1.405094E+03	3.748458E+01	5.965857E+00	51	8.079807E+04	2.842500E+02	4.523980E+01
2	2.584111E+03	5.083415E+01	8.090506E+00	52	8.284167E+04	2.878223E+02	4.580834E+01
3	3.221676E+03	5.675981E+01	9.033604E+00	53	8.531970E+04	2.920954E+02	4.648842E+01
4	1.110370E+04	1.053741E+02	1.677081E+01	54	8.549971E+04	2.924033E+02	4.653744E+01
5	1.345821E+04	1.160095E+02	1.846390E+01	55	8.983531E+04	2.997254E+02	4.770278E+01
6	1.536678E+04	1.239628E+02	1.972930E+01	56	9.120275E+04	3.019979E+02	4.806446E+01
7	1.814263E+04	1.346946E+02	2.143731E+01	57	9.265273E+04	3.043891E+02	4.844503E+01
8	2.102585E+04	1.450029E+02	2.307793E+01	58	9.580804E+04	3.095287E+02	4.926303E+01
9	2.132055E+04	1.460156E+02	2.323910E+01	59	9.809276E+04	3.131976E+02	4.984695E+01
10	2.192983E+04	1.480872E+02	2.356882E+01	60	9.891831E+04	3.145128E+02	5.005627E+01
11	2.201266E+04	1.483666E+02	2.361328E+01	61	1.034423E+05	3.216245E+02	5.118813E+01
12	2.218474E+04	1.489454E+02	2.370540E+01	62	1.054478E+05	3.247273E+02	5.168196E+01
13	2.263425E+04	1.504468E+02	2.394436E+01	63	1.060829E+05	3.257037E+02	5.183735E+01
14	2.339199E+04	1.529444E+02	2.434186E+01	64	1.064679E+05	3.262942E+02	5.193133E+01
15	2.430296E+04	1.558941E+02	2.481131E+01	65	1.074880E+05	3.278536E+02	5.217953E+01
16	2.523417E+04	1.588527E+02	2.528219E+01	66	1.080808E+05	3.287565E+02	5.232322E+01
17	2.655307E+04	1.629511E+02	2.593448E+01	67	1.082397E+05	3.289981E+02	5.236167E+01
18	2.659028E+04	1.630653E+02	2.595884E+01	68	1.084618E+05	3.293354E+02	5.241536E+01
19	2.686081E+04	1.638927E+02	2.608433E+01	69	1.093789E+05	3.307248E+02	5.263648E+01
20	2.695566E+04	1.641818E+02	2.613034E+01	70	1.100699E+05	3.317679E+02	5.280250E+01
21	2.724213E+04	1.650519E+02	2.626883E+01	71	1.111907E+05	3.334527E+02	5.307065E+01
22	2.776878E+04	1.666397E+02	2.652153E+01	72	1.123621E+05	3.352045E+02	5.334945E+01
23	3.146449E+04	1.773823E+02	2.823128E+01	73	1.138610E+05	3.374329E+02	5.370412E+01
24	3.379677E+04	1.838390E+02	2.925888E+01	74	1.152519E+05	3.394876E+02	5.403114E+01
25	3.697302E+04	1.922837E+02	3.060290E+01	75	1.157120E+05	3.401647E+02	5.413889E+01
26	3.783698E+04	1.945173E+02	3.095839E+01	76	1.164209E+05	3.412050E+02	5.430446E+01
27	3.869953E+04	1.967220E+02	3.130927E+01	77	1.171942E+05	3.423363E+02	5.448452E+01
28	3.919334E+04	1.979731E+02	3.150839E+01	78	1.204163E+05	3.470105E+02	5.522844E+01
29	3.946652E+04	1.986618E+02	3.161801E+01	79	1.249952E+05	3.535467E+02	5.626870E+01
30	3.961148E+04	1.990263E+02	3.167603E+01	80	1.262606E+05	3.553317E+02	5.655280E+01
31	3.985264E+04	1.996313E+02	3.177230E+01	81	1.341337E+05	3.662426E+02	5.828932E+01
32	4.053204E+04	2.013257E+02	3.204198E+01	82	1.362318E+05	3.690959E+02	5.874344E+01
33	4.090788E+04	2.022570E+02	3.219019E+01	83	1.372319E+05	3.704483E+02	5.895867E+01
34	4.281470E+04	2.069171E+02	3.293189E+01	84	1.415716E+05	3.762601E+02	5.988365E+01
35	4.631040E+04	2.151985E+02	3.424991E+01	85	1.424445E+05	3.774182E+02	6.006797E+01
36	4.867696E+04	2.206286E+02	3.511413E+01	86	1.454019E+05	3.813160E+02	6.068833E+01
37	5.052911E+04	2.247868E+02	3.577593E+01	87	1.478523E+05	3.845157E+02	6.119758E+01
38	5.586590E+04	2.363597E+02	3.761781E+01	88	1.536235E+05	3.919484E+02	6.238052E+01
39	5.719601E+04	2.391569E+02	3.806300E+01	89	1.638037E+05	4.047267E+02	6.441425E+01
40	5.727462E+04	2.393212E+02	3.808915E+01	90	1.667069E+05	4.082975E+02	6.498257E+01
41	5.729884E+04	2.393718E+02	3.809720E+01	91	1.669666E+05	4.086155E+02	6.503317E+01
42	5.732126E+04	2.394186E+02	3.810465E+01	92	1.671150E+05	4.087970E+02	6.506206E+01
43	5.733033E+04	2.394375E+02	3.810767E+01	93	1.675266E+05	4.093002E+02	6.514214E+01
44	5.736028E+04	2.395001E+02	3.811762E+01	94	1.676118E+05	4.094042E+02	6.515871E+01
45	5.958291E+04	2.440961E+02	3.884910E+01	95	1.684106E+05	4.103786E+02	6.531379E+01
46	6.465944E+04	2.542822E+02	4.047027E+01	96	1.687965E+05	4.108485E+02	6.538857E+01
47	6.671779E+04	2.582979E+02	4.110938E+01	97	1.695149E+05	4.117219E+02	6.552758E+01
48	6.931668E+04	2.632806E+02	4.190241E+01	98	1.710866E+05	4.136261E+02	6.583064E+01
49	7.370280E+04	2.714826E+02	4.320780E+01	99	1.714805E+05	4.141021E+02	6.590639E+01
50	8.004865E+04	2.829287E+02	4.502950E+01	100	1.740477E+05	4.171903E+02	6.639789E+01

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
101	1.766817E+05	4.203352E+02	6.689843E+01	151	3.039968E+05	5.513591E+02	8.775152E+01
102	1.786664E+05	4.226895E+02	6.727313E+01	152	3.069277E+05	5.540106E+02	8.817352E+01
103	1.793528E+05	4.235007E+02	6.740223E+01	153	3.138751E+05	5.602456E+02	8.916585E+01
104	1.807937E+05	4.251984E+02	6.767243E+01	154	3.191406E+05	5.649253E+02	8.991065E+01
105	1.825166E+05	4.272196E+02	6.799411E+01	155	3.235613E+05	5.688245E+02	9.053123E+01
106	1.828550E+05	4.276155E+02	6.805713E+01	156	3.295032E+05	5.740237E+02	9.135871E+01
107	1.836230E+05	4.285126E+02	6.819990E+01	157	3.298420E+05	5.743188E+02	9.140567E+01
108	1.855852E+05	4.307960E+02	6.856332E+01	158	3.325913E+05	5.767073E+02	9.178582E+01
109	1.861539E+05	4.314556E+02	6.866829E+01	159	3.376066E+05	5.810392E+02	9.247527E+01
110	1.898814E+05	4.357538E+02	6.935237E+01	160	3.406365E+05	5.836408E+02	9.288932E+01
111	1.948209E+05	4.413852E+02	7.024864E+01	161	3.511503E+05	5.925794E+02	9.431194E+01
112	1.962159E+05	4.429626E+02	7.049969E+01	162	3.659398E+05	6.049296E+02	9.627753E+01
113	2.036840E+05	4.513137E+02	7.182880E+01	163	3.707585E+05	6.088995E+02	9.690936E+01
114	2.068480E+05	4.548054E+02	7.238454E+01	164	3.748884E+05	6.122813E+02	9.744759E+01
115	2.090218E+05	4.571890E+02	7.276389E+01	165	3.824139E+05	6.183962E+02	9.842082E+01
116	2.104209E+05	4.587166E+02	7.300702E+01	166	3.829591E+05	6.188369E+02	9.849095E+01
117	2.153348E+05	4.640418E+02	7.385454E+01	167	3.902851E+05	6.247280E+02	9.942855E+01
118	2.168852E+05	4.657093E+02	7.411994E+01	168	3.936365E+05	6.274158E+02	9.985632E+01
119	2.178817E+05	4.667780E+02	7.429003E+01	169	3.950904E+05	6.285622E+02	1.000388E+02
120	2.213373E+05	4.704650E+02	7.487682E+01	170	3.990710E+05	6.317206E+02	1.005415E+02
121	2.238107E+05	4.730864E+02	7.529404E+01	171	4.125554E+05	6.423048E+02	1.022260E+02
122	2.269072E+05	4.763478E+02	7.581311E+01	172	4.141504E+05	6.435452E+02	1.024234E+02
123	2.293592E+05	4.789146E+02	7.622163E+01	173	4.195128E+05	6.476981E+02	1.030844E+02
124	2.307304E+05	4.803440E+02	7.644912E+01	174	4.255166E+05	6.523163E+02	1.038194E+02
125	2.338658E+05	4.835967E+02	7.696681E+01	175	4.257645E+05	6.525063E+02	1.038496E+02
126	2.409914E+05	4.909088E+02	7.813056E+01	176	4.260335E+05	6.527124E+02	1.038824E+02
127	2.446688E+05	4.946401E+02	7.872441E+01	177	4.262464E+05	6.528755E+02	1.039084E+02
128	2.501100E+05	5.001100E+02	7.959498E+01	178	4.265953E+05	6.531426E+02	1.039509E+02
129	2.506997E+05	5.006992E+02	7.968875E+01	179	4.270516E+05	6.534918E+02	1.040065E+02
130	2.508533E+05	5.008525E+02	7.971316E+01	180	4.293110E+05	6.552183E+02	1.042812E+02
131	2.510621E+05	5.010610E+02	7.974633E+01	181	4.362902E+05	6.605226E+02	1.051254E+02
132	2.512130E+05	5.012115E+02	7.977029E+01	182	4.372405E+05	6.612416E+02	1.052399E+02
133	2.514141E+05	5.014121E+02	7.980222E+01	183	4.376650E+05	6.615625E+02	1.052909E+02
134	2.518667E+05	5.018632E+02	7.987401E+01	184	4.379192E+05	6.617547E+02	1.053215E+02
135	2.547032E+05	5.046813E+02	8.032252E+01	185	4.393877E+05	6.628633E+02	1.054980E+02
136	2.582258E+05	5.081592E+02	8.087606E+01	186	4.436606E+05	6.660785E+02	1.060097E+02
137	2.607067E+05	5.105944E+02	8.126363E+01	187	4.472866E+05	6.687949E+02	1.064420E+02
138	2.609998E+05	5.108814E+02	8.130930E+01	188	4.577628E+05	6.765817E+02	1.076813E+02
139	2.613343E+05	5.112087E+02	8.136139E+01	189	4.594634E+05	6.778373E+02	1.078812E+02
140	2.617881E+05	5.116524E+02	8.143200E+01	190	4.611954E+05	6.791137E+02	1.080843E+02
141	2.627358E+05	5.125776E+02	8.157926E+01	191	4.735583E+05	6.881557E+02	1.095234E+02
142	2.642945E+05	5.140958E+02	8.182089E+01	192	4.835791E+05	6.953985E+02	1.106761E+02
143	2.689300E+05	5.185846E+02	8.253531E+01	193	4.948162E+05	7.034317E+02	1.119546E+02
144	2.738987E+05	5.233533E+02	8.329426E+01	194	4.995808E+05	7.068103E+02	1.124923E+02
145	2.753211E+05	5.247105E+02	8.351026E+01	195	5.034341E+05	7.095309E+02	1.129254E+02
146	2.768663E+05	5.261808E+02	8.374428E+01	196	5.110390E+05	7.148699E+02	1.137751E+02
147	2.843843E+05	5.332770E+02	8.487366E+01	197	5.214238E+05	7.220968E+02	1.149253E+02
148	2.902229E+05	5.387234E+02	8.574049E+01	198	5.298106E+05	7.278809E+02	1.158458E+02
149	2.924850E+05	5.408188E+02	8.607399E+01	199	5.469120E+05	7.395350E+02	1.177006E+02
150	2.984543E+05	5.463097E+02	8.694790E+01	200	5.484252E+05	7.405574E+02	1.178634E+02

N O M I N A L L Y - C O N S T R A I N E D R E A L E I G E N V A L U E S

MODE	EIGENVALUE	RADIANS	FREQUENCY	MODE	EIGENVALUE	RADIANS	FREQUENCY
201	5.592887E+05	7.478560E+02	1.190250E+02	251	7.489238E+05	8.654038E+02	1.377333E+02
202	5.603709E+05	7.485792E+02	1.191401E+02	252	7.501366E+05	8.661043E+02	1.378448E+02
203	5.747890E+05	7.581484E+02	1.206631E+02	253	7.541181E+05	8.683997E+02	1.382101E+02
204	5.838761E+05	7.641179E+02	1.216131E+02	254	7.570928E+05	8.701108E+02	1.384824E+02
205	5.861596E+05	7.656106E+02	1.218507E+02	255	7.590940E+05	8.712600E+02	1.386653E+02
206	5.943205E+05	7.709218E+02	1.226960E+02	256	7.617639E+05	8.727909E+02	1.389090E+02
207	5.964584E+05	7.723072E+02	1.229165E+02	257	7.636410E+05	8.738655E+02	1.390800E+02
208	6.014146E+05	7.755092E+02	1.234261E+02	258	7.687870E+05	8.768050E+02	1.395479E+02
209	6.155677E+05	7.845813E+02	1.248700E+02	259	7.708488E+05	8.779799E+02	1.397348E+02
210	6.158202E+05	7.847421E+02	1.248956E+02	260	7.844160E+05	8.856726E+02	1.409592E+02
211	6.172757E+05	7.856690E+02	1.250431E+02	261	7.973898E+05	8.929669E+02	1.421201E+02
212	6.190551E+05	7.868005E+02	1.252232E+02	262	7.993929E+05	8.940878E+02	1.422985E+02
213	6.211791E+05	7.881492E+02	1.254378E+02	263	8.042316E+05	8.967896E+02	1.427285E+02
214	6.271355E+05	7.919189E+02	1.260378E+02	264	8.128700E+05	9.015930E+02	1.434930E+02
215	6.288201E+05	7.929818E+02	1.262070E+02	265	8.192312E+05	9.051139E+02	1.440534E+02
216	6.305365E+05	7.940633E+02	1.263791E+02	266	8.244935E+05	9.080163E+02	1.445153E+02
217	6.360419E+05	7.975223E+02	1.269296E+02	267	8.277061E+05	9.097836E+02	1.447966E+02
218	6.397107E+05	7.998192E+02	1.272952E+02	268	8.300701E+05	9.110818E+02	1.450032E+02
219	6.421914E+05	8.013685E+02	1.275418E+02	269	8.382322E+05	9.155502E+02	1.457143E+02
220	6.433561E+05	8.020948E+02	1.276574E+02	270	8.427845E+05	9.180330E+02	1.461095E+02
221	6.474317E+05	8.046314E+02	1.280611E+02	271	8.557074E+05	9.250446E+02	1.472254E+02
222	6.534487E+05	8.083617E+02	1.286548E+02	272	8.581847E+05	9.263826E+02	1.474384E+02
223	6.564797E+05	8.102344E+02	1.289528E+02	273	8.715326E+05	9.335591E+02	1.485805E+02
224	6.588527E+05	8.116974E+02	1.291857E+02	274	8.801638E+05	9.381705E+02	1.493145E+02
225	6.599387E+05	8.123661E+02	1.292921E+02	275	8.875416E+05	9.420943E+02	1.499390E+02
226	6.613106E+05	8.132100E+02	1.294264E+02				
227	6.629499E+05	8.142174E+02	1.295867E+02				
228	6.648309E+05	8.153716E+02	1.297704E+02				
229	6.668159E+05	8.165879E+02	1.299640E+02				
230	6.719665E+05	8.197356E+02	1.304650E+02				
231	6.759340E+05	8.221520E+02	1.308496E+02				
232	6.784543E+05	8.236834E+02	1.310933E+02				
233	6.798239E+05	8.245144E+02	1.312255E+02				
234	6.849903E+05	8.276414E+02	1.317232E+02				
235	6.896612E+05	8.304584E+02	1.321716E+02				
236	6.929041E+05	8.324086E+02	1.324819E+02				
237	6.967099E+05	8.346915E+02	1.328453E+02				
238	7.014068E+05	8.375003E+02	1.332923E+02				
239	7.021237E+05	8.379282E+02	1.333604E+02				
240	7.059601E+05	8.402143E+02	1.337243E+02				
241	7.089671E+05	8.420019E+02	1.340088E+02				
242	7.133460E+05	8.445981E+02	1.344220E+02				
243	7.164552E+05	8.464367E+02	1.347146E+02				
244	7.173589E+05	8.469704E+02	1.347995E+02				
245	7.242068E+05	8.510034E+02	1.354414E+02				
246	7.268407E+05	8.525496E+02	1.356875E+02				
247	7.286043E+05	8.535832E+02	1.358520E+02				
248	7.302464E+05	8.545445E+02	1.360050E+02				
249	7.383304E+05	8.592616E+02	1.367557E+02				
250	7.407713E+05	8.606807E+02	1.369816E+02				

Execution Time: 00:00:04

* * * END OF JOB * * *