

theta	c1	C2	2*one by c1*one by c2*cos(theta)	second term
0.3925	0.000000147	0.000000004		
0.785	one by c1	one by c2	3.14271E+14	31393433394
1.1775	6802721.088	25000000	2.40608E+14	30197438120
1.57	one by c1 square	one by c2 square	1.30352E+14	28313055379
1.9625	4.6277E+13	6.25E+14	2.70859E+11	25914240750
2.355	L	one by L	-1.29852E+14	23268550616
2.7475	0.001	1000	-2.40225E+14	20761790986
3.14	first term		-3.14063E+14	18900105128
3.5325	31802721088		-3.40136E+14	18197290765
4.3175			-3.14477E+14	18889138667
4.71			-1.30852E+14	23247037014
5.1025			-8.12578E+11	25893328033
5.495			1.29351E+14	28295365823
5.8875			2.39841E+14	30184735357
			3.13855E+14	31386806978
			3.40136E+14	31802721088

theta	set 1	set2	set 3	w+	w-	v+(hz)	v-
0.3925	2968	2989	2978				
0.785	5484	5639	5614	251388.5	20230.85994	40009.71499	3219.841363
1.1775	8657	8572	8473	248998.3	40065.98268	39629.31212	6376.699194
1.57	10634	10974	10940	245185.2	59073.39257	39022.43466	9401.822432
1.9625	13615	13936	13921	240243.5	76736.43423	38235.94804	12212.98282
2.355	15440	15981	15879	234672.7	92380.57411	37349.31871	14702.82502
2.7475	17585	18068	17992	229269.5	105075.8302	36489.37716	16723.33778
3.14	18582	20002	19372	225172.9	113589.6825	35837.37702	18078.35945
3.5325	22312	25881	25512	223606.8	116642.3179	35588.13139	18564.20147
4.3175	36443	36711	36695	225148.5	113637.9445	35833.50119	18086.04058
4.71	37338	37533	37521	234626.8	92496.94089	37342.02274	14721.34536
5.1025	38446	38922	38952	240200	76872.57675	38229.02035	12234.65058
5.495	39368	39882	39879	245149.1	59222.92854	39016.6929	9425.621822
5.8875	40096	40614	40615	248972.8	40224.19336	39625.25223	6401.879205
		41487	41530	251375.3	20393.97242	40007.61733	3245.801519
				252201.2	0	40139.06665	0