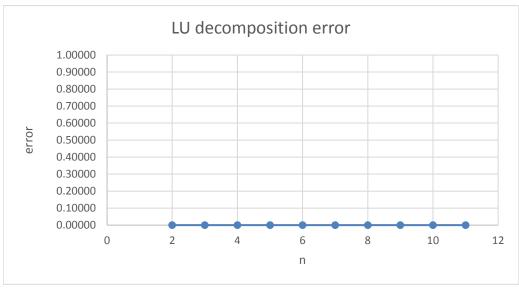
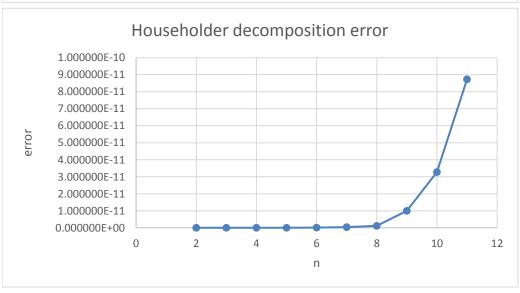
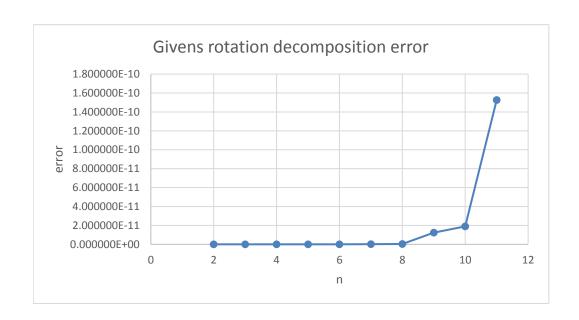
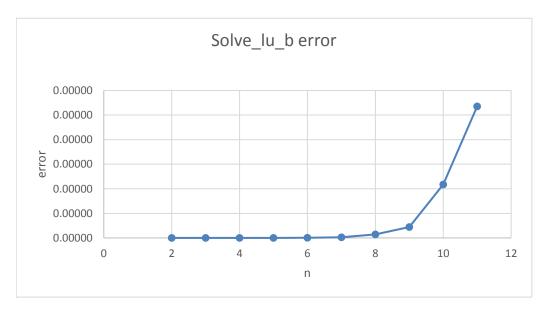
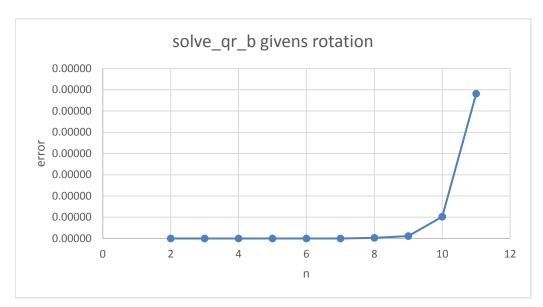
n	LU decomposition error	Householder_fact_ error	GivensRotation_fact_error
2	0.00000	2.553513E-15	6.661338E-16
3	0.00000	1.443290E-15	1.665335E-15
4	0.00000	1.487699E-14	6.439294E-15
5	0.00000	1.265654E-14	6.439294E-15
6	0.00000	9.148238E-14	8.415491E-14
7	0.00000	4.024558E-13	2.560174E-13
8	0.00000	1.131761E-12	3.872458E-13
9	0.00000	9.969581E-12	1.237432E-11
10	0.00000	3.273548E-11	1.903233E-11
11	0.00000	8.733470E-11	1.526976E-10

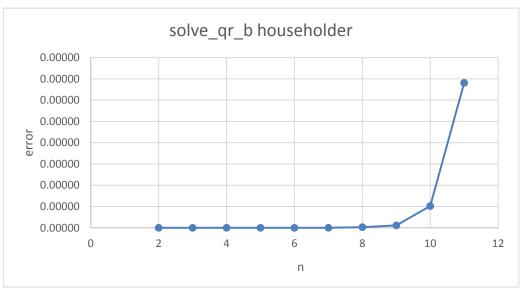












Solution_lu_b	Solution_householder_b	Solution_Givens_b
0.00000	0.00000	0.00000
3.885781E-16	4.996004E-16	4.996004E-16
8.881784E-16	1.498801E-15	1.498801E-15
6.383782E-15	5.773160E-15	5.773160E-15
1.895706E-14	1.895706E-14	1.895706E-14
4.737877E-14	2.886580E-14	2.886580E-14
2.842171E-13	2.882694E-13	2.882694E-13
8.842371E-13	1.136979E-12	1.136979E-12
4.345357E-12	1.025707E-11	1.025707E-11
1.071182E-11	6.812942E-11	6.812942E-11