

code	computing $\mathcal{S}_d$	$ \mathcal{S}_d $	full iteration	iteration	equations	Gröbner	solution	total Gröbner	#solutions
$[105, 7, 77]_5$	0.040	1760	1.010	0.070	0.050	0.230	0.000	0.280	1
$[78, 11, 47]_5$	0.060	780	682.690	53.860	0.060	55.730	0.000	55.790	3
$[84, 11, 51]_5$	0.220	3424	667.630	0.020	0.300	1.900	0.000	2.220	3
$[89, 11, 54]_5$	0.180	232	683.130	3.170	0.020	4324.910	0.020	4324.950	35
$[93, 11, 57]_5$	0.270	224	659.400	0.630	0.020	4172.490	0.060	4172.570	45
$[65, 4, 53]_7$	0.020	408	0.040	0.000	0.010	0.010	0.000	0.020	1
$[51, 6, 37]_7$	0.020	504	2.070	0.000	0.030	0.360	0.000	0.390	14
$[76, 8, 53]_7$	0.030	912	102.710	1.080	0.080	249.500	0.000	249.590	4
$[44, 8, 29]_8$	0.020	2443	376.920	2.830	0.090	2.240	0.000	2.340	1
$[68, 8, 49]_8$	0.100	12936	338.610	11.270	0.670	0.830	0.000	1.550	1
$[27, 9, 15]_8$	0.020	4914	2760.190	52.360	0.170	2.140	0.000	2.330	1
$[69, 9, 49]_8$	0.300	25480	2804.850	19.510	1.870	2.810	0.000	4.800	1
$[82, 5, 67]_9$	0.150	2176	1.700	0.030	0.050	0.200	0.000	0.260	1
$[87, 6, 69]_9$	0.400	4256	15.750	0.050	0.140	0.800	0.010	0.970	3
$[127, 6, 103]_9$	0.230	976	15.310	0.500	0.030	4.170	0.000	4.210	1
$[98, 7, 76]_9$	0.860	6776	146.120	1.430	0.360	2.550	0.000	2.950	1
$[45, 8, 30]_9$	0.220	1408	1332.960	325.270	0.070	10637.000	0.000	10637.080	1

Timings in seconds using Magma V2.13-8 on an AMD Opteron 252 (clock speed 2.6 GHz, 16 GB RAM).