

File name	Matrix dimensions	Size of the entries	Entries average size	Time of Computation without HNF-Decomposition	Time of Computation of HNF-Decomposition	Time of Computation with HNF-Decomposition
00pru_0	83x66	(-998,1081)	194	out of memory 08:59:15	1.3 s	0.00 s
00pru_1	69x76	(-1088,851)	186	out of memory 1+13:29:33	1.0 s	0.00 s
01pru_*(40 examples)						
01pru_3	61x63	(-617,580)	117	out of memory 12:06:15	0.70 s	0.00 s
01pru_7	60x67	(-543,582)	120	out of memory 07:46:21	0.60 s	0.00 s
01pru_9	61x63	(-556,621)	123	out of memory 1+16:48:38	0.65 s	0.00 s
01pru_12	72x57	(-733,597)	133	0.00	0.90 s	0.00 s
01pru_15	62x62	(-516,516)	123	out of memory 04:46:39	0.68 s	0.00 s
01pru_16	54x66	(-452,581)	104	out of memory 1+19:40:04	0.53 s	0.00 s
01pru_17	48x51	(-464,651)	106	out of memory 01:27:51	0.31 s	0.00 s
01pru_19	54x63	(-634,558)	115	out of memory 11:54:06	0.54 s	0.00 s
01pru_26	54x61	(-539,606)	111	out of memory 01:26:57	0.46 s	0.00 s
01pru_31	61x64	(-623,698)	117	out of memory 01:45:38	0.64 s	0.00 s
01pru_33	63x51	(-654,627)	113	0.00	0.60 s	0.00 s
01pru_36	59x67	(-559,571)	119	out of memory 01:43:44	0.60 s	0.00 s
01pru_37	56x53	(-551,682)	119	5:38:52	0.48 s	0.00 s
01pru_38	57x58	(-599,570)	121	3:14:39	0.56 s	0.00 s
01pru_*(rest of 26 examples)				aborted after 7 days	< 1 s	0.00 s
06pru_1	36x32	(-480,440)	91	0:00:00	0.18 s	0.00 s
06pru_2	34x43	(-389,388)	90	aborted after 7 days	0.17 s	0.00 s
06pru_3	40x35	(-372,349)	90	0:00:00	0.20 s	0.00 s
06pru_4	34x39	(-366,370)	85	aborted after 7 days	0.17 s	0.00 s
06pru_5	35x38	(-320,334)	86	0:00:07	0.17 s	0.00 s
06pru_6	40x32	(-364,321)	87	0:00:00	0.18 s	0.00 s
06pru_7	36x37	(-424,413)	84	0:01:01	0.17 s	0.00 s
06pru_8	36x36	(-329,410)	86	0:00:16	0.17 s	0.00 s
06pru_9	40x35	(-467,485)	107	0:00:00	0.26 s	0.00 s
07pru_0	39x38	(-250,287)	65	0:00:31	0.20 s	0.00 s
07pru_1	39x30	(-321,274)	70	0:00:00	0.17 s	0.00 s
07pru_2	42x38	(-346,325)	66	0:00:00	0.23 s	0.00 s
07pru_3	37x33	(-285,282)	60	0:00:00	0.23 s	0.00 s
07pru_4	39x43	(-259,275)	63	5:29:51	0.21 s	0.00 s
07pru_5	43x39	(-304,302)	65	0:00:00	0.37 s	0.00 s
07pru_6	39x39	(-305,343)	63	0:00:01	0.20 s	0.00 s
07pru_7	40x41	(-270,255)	61	0:00:00	0.21 s	0.00 s
07pru_8	35x40	(-262,278)	63	0:19:13	0.17 s	0.00 s
07pru_9	43x38	(-248,275)	67	0:00:01	0.25 s	0.00 s
11pru_0	48x42	(-62,58)	12	0:00:16	0.23 s	0.00 s
11pru_1	39x40	(-51,55)	12	0:00:00	0.23 s	0.00 s
11pru_2	50x47	(-59,64)	12	0:00:00	0.42 s	0.00 s
11pru_3	52x34	(-57,62)	13	0:00:00	0.24 s	0.00 s
11pru_4	37x44	(41,-57)	10	0:13:14	0.23 s	0.00 s
11pru_5	41x47	(-46,45)	11	aborted after 7 days	0.18 s	0.00 s
11pru_6	40x42	(-60,60)	11	0:00:31	0.18 s	0.00 s
11pru_7	38x47	(55,-54)	11	1:07:43	0.18 s	0.00 s
11pru_8	35x49	(-50,45)	10	aborted after 7 days	0.20 s	0.00 s
11pru_9	42x34	(-50,48)	12	0:00:00	0.17 s	0.00 s