

Order $n \equiv 1 \pmod{4}$, $n \leq 17$

Order 1, maxdet 1

minor size 1: 1^1

Order 5, maxdet 3

minor size 1: 1^{25}

minor size 2: $0^{40}, 1^{60}$

minor size 3: $0^{30}, 1^{70}$

minor size 4: $1^{20}, 2^5$

minor size 5: 3^1

Order 9, maxdet 56

minor size 1: 1^{81}

minor size 2: $0^{582}, 1^{714}$

minor size 3: $0^{3451}, 1^{3605}$

minor size 4: $0^{6552}, 1^{8596}, 2^{728}$

minor size 5: $0^{6132}, 1^{5236}, 2^{4340}, 3^{168}$

minor size 6: $0^{2800}, 1^{336}, 2^{2268}, 3^{420}, 4^{1204}, 5^{28}$

minor size 7: $0^{399}, 2^{84}, 4^{392}, 6^{168}, 8^{253}$

minor size 8: $8^{28}, 12^{28}, 16^{21}, 24^2, 32^2$

minor size 9: 56^1

Order 13, maxdet 3645

minor size 1: 1^{169}
minor size 2: $0^{2808}, 1^{3276}$
minor size 3: $0^{43186}, 1^{38610}$
minor size 4: $0^{248326}, 1^{247572}, 2^{15327}$
minor size 5: $0^{650754}, 1^{775827}, 2^{214344}, 3^{15444}$
minor size 6: $0^{824850}, 1^{1074996}, 2^{766116}, 3^{171756}, 4^{94770}, 5^{12168}$
minor size 7: $0^{784134}, 1^{351000}, 2^{640224}, 3^{601614}, 4^{285480}, 5^{51012}, 6^{182520}, 7^{14274}, 8^{26910}, 9^{7488}$
minor size 8: $0^{578682}, 3^{261144}, 6^{514566}, 9^{171288}, 12^{110916}, 15^{8424}, 18^{11349}$
minor size 9: $0^{211354}, 9^{80028}, 18^{184392}, 27^{24687}, 36^{10296}, 45^{468}$
minor size 10: $0^{34762}, 27^{11700}, 54^{32292}, 81^{2808}, 108^{234}$
minor size 11: $0^{2106}, 81^{702}, 162^{2808}, 243^{468}$
minor size 12: $486^{117}, 729^{52}$
minor size 13: 3645^1

Order 17(a), maxdet 327680

minor size 1: 1^{289}
minor size 2: $0^{8736}, 1^{9760}$
minor size 3: $0^{257600}, 1^{204800}$
minor size 4: $0^{3069008}, 1^{2462976}, 2^{132416}$
minor size 5: $0^{18624080}, 1^{15765536}, 2^{3709248}, 3^{192480}$
minor size 6: $0^{65872416}, 1^{46784864}, 2^{33342144}, 3^{4105632}, 4^{2887520}, 5^{172800}$
minor size 7: $0^{145032512}, 1^{63714752}, 2^{96916608}, 3^{18320448}, 4^{42678080}, 5^{3347136}, 6^{5965440},$
 $7^{612288}, 8^{1554624}, 9^{82816}$
minor size 8: $0^{204576340}, 1^{37608576}, 2^{107367424}, 3^{23219968}, 4^{115900160}, 5^{8199168}, 6^{29852032},$
 $7^{3585792}, 8^{44996672}, 9^{2387072}, 10^{4982784}, 11^{684672}, 12^{5743424}, 13^{217728}, 14^{658560}, 15^{137472},$
 $16^{684832}, 17^{22272}, 18^{90624}, 20^{47040}, 24^{10304}, 32^{3184}$
minor size 9: $0^{191895364}, 1^{6915328}, 2^{39341056}, 3^{7650752}, 4^{98183424}, 5^{3841536}, 6^{25034240},$
 $7^{2544128}, 8^{107909312}, 9^{2799744}, 10^{9196288}, 11^{1180736}, 12^{28090496}, 13^{814080}, 14^{4145664},$
 $15^{1038720}, 16^{42922368}, 17^{398592}, 18^{2822656}, 19^{277248}, 20^{4770624}, 21^{335424}, 22^{823296},$
 $23^{125184}, 24^{5294464}, 25^{90240}, 26^{283392}, 27^{116096}, 28^{553216}, 29^{28032}, 30^{242688}, 31^{19200},$
 $32^{1079856}, 33^{26496}, 34^{29184}, 35^{8640}, 36^{99328}, 37^{2304}, 38^{6144}, 39^{4608}, 40^{19904}, 42^{7680},$
 $44^{3136}, 45^{256}, 48^{4976}$
minor size 10: $0^{127524384}, 4^{14602112}, 8^{61730816}, 12^{12008960}, 16^{80696384}, 20^{4886016}, 24^{20221056},$
 $28^{2481792}, 32^{38114176}, 36^{1968896}, 40^{4216320}, 44^{648576}, 48^{5257600}, 52^{278016}, 56^{696960},$
 $60^{234624}, 64^{2306720}, 68^{42624}, 72^{161536}, 76^{14976}, 80^{104512}, 84^{16128}, 96^{10752}, 108^{768}$
minor size 11: $0^{57008096}, 16^{12110720}, 32^{38693952}, 48^{6418944}, 64^{27703712}, 80^{2182656},$
 $96^{4062720}, 112^{564288}, 128^{3799776}, 144^{209728}, 160^{237504}, 176^{36864}, 192^{131040}, 208^{3072},$
 240^{2304}
minor size 12: $0^{16178768}, 64^{4299648}, 128^{11608416}, 192^{1511040}, 256^{4025472}, 320^{299616},$
 $384^{232032}, 448^{33984}, 512^{101120}, 576^{1248}$
minor size 13: $0^{2616656}, 256^{705024}, 512^{1830784}, 768^{221088}, 1024^{272000}, 1280^{15936},$
 $1536^{2880}, 1792^{32}$
minor size 14: $0^{211520}, 1024^{56640}, 2048^{160320}, 3072^{24000}, 4096^{9920}$
minor size 15: $0^{6720}, 4096^{1920}, 8192^{7680}, 12288^{1920}, 16384^{256}$
minor size 16: $32768^{192}, 49152^{96}, 131072^1$
minor size 17: 327680^1

Order 17(b), maxdet 327680

minor size 1: 1^{289}
minor size 2: $0^{8736}, 1^{9760}$
minor size 3: $0^{257600}, 1^{204800}$
minor size 4: $0^{3071312}, 1^{2459904}, 2^{133184}$
minor size 5: $0^{18833360}, 1^{15451856}, 2^{3834432}, 3^{171696}$
minor size 6: $0^{70300896}, 1^{40191456}, 2^{36086208}, 3^{3349344}, 4^{3110304}, 5^{127168}$
minor size 7: $0^{170133920}, 1^{39303360}, 2^{95453184}, 3^{11875392}, 4^{52026816}, 5^{1952960}, 6^{5335296},$
 $7^{354304}, 8^{1757152}, 9^{32320}$
minor size 8: $0^{263115876}, 1^{9780480}, 2^{82349312}, 3^{8073984}, 4^{128127520}, 5^{2868992}, 6^{24112128},$
 $7^{1453056}, 8^{59104832}, 9^{1023232}, 10^{3655424}, 11^{307456}, 12^{5539296}, 13^{86784}, 14^{377856}, 15^{54528},$
 $16^{814656}, 17^{9984}, 18^{41984}, 20^{55296}, 24^{17664}, 32^{5760}$
minor size 9: $0^{251433924}, 2^{17140224}, 4^{83864064}, 6^{14205696}, 8^{120052608}, 10^{5351424}, 12^{26374272},$
 $14^{2677248}, 16^{55637248}, 18^{1946112}, 20^{4457088}, 22^{581376}, 24^{5011968}, 26^{196608}, 28^{419328},$
 $30^{192000}, 32^{1282464}, 34^{21504}, 36^{73728}, 38^{6144}, 40^{29184}, 42^{7680}, 44^{5376}, 48^{8832}$
minor size 10: $0^{149768192}, 4^{9066752}, 8^{48158976}, 12^{7735296}, 16^{81586272}, 20^{3182592}, 24^{18200064},$
 $28^{1625856}, 32^{44542560}, 36^{1239040}, 40^{4103168}, 44^{425472}, 48^{4777536}, 52^{171520}, 56^{628992},$
 $60^{165120}, 64^{2557696}, 68^{23808}, 72^{144384}, 76^{10752}, 80^{84832}, 84^{11520}, 96^{13536}, 108^{768}$
minor size 11: $0^{60126144}, 16^{10891072}, 32^{36205952}, 48^{6027264}, 64^{28869600}, 80^{2103040},$
 $96^{3839232}, 112^{513088}, 128^{4020032}, 144^{184512}, 160^{236160}, 176^{33408}, 192^{109152}, 208^{4224},$
 240^{2496}
minor size 12: $0^{16330640}, 64^{4229952}, 128^{11480544}, 192^{1506240}, 256^{4089408}, 320^{293664},$
 $384^{223968}, 448^{34176}, 512^{101120}, 576^{1632}$
minor size 13: $0^{2618384}, 256^{704256}, 512^{1829376}, 768^{221232}, 1024^{272320}, 1280^{15904},$
 $1536^{2880}, 1792^{48}$
minor size 14: $0^{211520}, 1024^{56640}, 2048^{160320}, 3072^{24000}, 4096^{9920}$
minor size 15: $0^{6720}, 4096^{1920}, 8192^{7680}, 12288^{1920}, 16384^{256}$
minor size 16: $32768^{192}, 49152^{96}, 131072^1$
minor size 17: 327680^1

Order 17(c), maxdet 327680

minor size 1: 1^{289}
minor size 2: $0^{8736}, 1^{9760}$
minor size 3: $0^{257600}, 1^{204800}$
minor size 4: $0^{3075920}, 1^{2453760}, 2^{134720}$
minor size 5: $0^{19251920}, 1^{14824496}, 2^{4084800}, 3^{130128}$
minor size 6: $0^{79071840}, 1^{27143904}, 2^{41476032}, 3^{1935072}, 4^{3478048}, 5^{60480}$
minor size 7: $0^{210411360}, 1^{9865920}, 2^{78013440}, 3^{5388480}, 4^{68363200}, 5^{834624}, 6^{3260160},$
 $7^{161280}, 8^{1919520}, 9^{6720}$
minor size 8: $0^{340486020}, 2^{26254080}, 4^{118691040}, 6^{15310080}, 8^{83387200}, 10^{2572800}, 12^{3219360},$
 $14^{207360}, 16^{733440}, 18^{15360}, 20^{40320}, 24^{44160}, 32^{14880}$
minor size 9: $0^{330724260}, 4^{33624960}, 8^{118671360}, 12^{20847360}, 16^{77854720}, 20^{4556160}, 24^{2755200},$
 $28^{399360}, 32^{1372320}, 36^{101760}, 40^{32640}, 44^{13440}, 48^{22560}$
minor size 10: $0^{190704960}, 8^{24172800}, 16^{79812000}, 24^{15171840}, 32^{56804256}, 40^{4285440},$
 $48^{3541440}, 56^{576000}, 64^{2914368}, 72^{153600}, 80^{69280}, 96^{18720}$
minor size 11: $0^{66330240}, 16^{8471232}, 32^{31244544}, 48^{5251200}, 64^{31189600}, 80^{1943040}, 96^{3405312},$
 $112^{414912}, 128^{4434432}, 144^{141120}, 160^{238080}, 176^{26880}, 192^{66144}, 208^{5760}, 240^{2880}$
minor size 12: $0^{16634384}, 64^{4090560}, 128^{11224800}, 192^{1496640}, 256^{4217280}, 320^{281760},$
 $384^{207840}, 448^{34560}, 512^{101120}, 576^{2400}$
minor size 13: $0^{2621840}, 256^{702720}, 512^{1826560}, 768^{221520}, 1024^{272960}, 1280^{15840},$
 $1536^{2880}, 1792^{80}$
minor size 14: $0^{211520}, 1024^{56640}, 2048^{160320}, 3072^{24000}, 4096^{9920}$
minor size 15: $0^{6720}, 4096^{1920}, 8192^{7680}, 12288^{1920}, 16384^{256}$
minor size 16: $32768^{192}, 49152^{96}, 131072^1$
minor size 17: 327680^1