Character Tables of Multiplicity-Free Endomorphism Rings

$G = Co_3$ (no. 6)

$H = 3^5 : M_{11} < 3^5 : (2 \times M_{11})$

rank: 12

degree: 257600

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8	O_9	O_{10}
$1a$	1	1	495	495	2673	2673	32076	32076	40095	40095
$23a$	1	-1	165	-165	1485	-1485	10692	-10692	4455	-4455
$253b$	1	-1	-135	135	345	-345	-108	108	2655	-2655
$275a$	1	1	35	35	741	741	2268	2268	-1305	-1305
$2024a$	1	-1	15	-15	315	-315	-108	108	-945	945
$5544a$	1	1	-55	-55	123	123	-324	-324	495	495
$8855a$	1	1	35	35	93	93	-324	-324	-225	-225
$23000a$	1	1	35	35	-15	-15	0	0	207	207
$31625a$	1	-1	33	-33	9	-9	-108	108	135	-135
$31625c$	1	-1	-27	27	21	-21	-108	108	63	-63
$63250a$	1	-1	-3	3	-27	27	108	-108	-81	81
$91125a$	1	1	-9	-9	-15	-15	44	44	-57	-57

	O_{11}	O_{12}
$1a$	53460	53460
$23a$	5940	-5940
$253b$	-3660	3660
$275a$	-1740	-1740
$2024a$	-360	360
$5544a$	-240	-240
$8855a$	420	420
$23000a$	-228	-228
$31625a$	36	-36
$31625c$	228	-228
$63250a$	-108	108
$91125a$	36	36

References

[Höh01] I. Höhler. Vielfachheitsfreie Permutationsdarstellungen und die Invarianten zugehöriger Graphen. Examensarbeit, RWTH Aachen, 2001.