

Character Tables of Multiplicity-Free Endomorphism Rings

$G = HN.2$ (no. 6)

$H = U_3(8).6$

rank: 15

degree: 16500000

	O_1	O_2	O_3	O_4	O_5	O_6	O_7	O_8
$1a^+$	1	1539	14364	25536	51072	68096	131328	459648
$760a^+$	1	-81	3024	-4704	-2688	7616	1728	-24192
$3344a^+$	1	-261	1764	2436	672	896	5328	6048
$9405a^+$	1	99	924	2016	-2688	896	-3072	2688
$35112ab$	1	99	684	-144	-1248	-64	1728	-432
$267520a^+$	1	9	414	366	672	716	-72	-432
$270864a^+$	1	19	364	-644	672	-224	-1072	-672
$374528ab$	1	-81	-36	-144	72	-424	-72	-972
$656250ab$	1	-45	-180	48	288	320	0	576
$1185030a^+$	1	19	44	176	192	-704	128	768
$1361920a^+$	1	54	9	126	252	116	153	-702
$1361920bc$	1	54	-81	-84	-108	56	-297	378
$1575936a^+$	1	-26	109	-194	-48	136	353	1218
$2407680a^+$	1	9	-66	-54	-48	-4	528	-672
$4561920a^+$	1	-26	29	86	-168	16	-247	-222

	O_9	O_{10}	O_{11}	O_{12}	O_{13}	O_{14}	O_{15}
$1a^+$	689472	787968	787968	1225728	1225728	5515776	5515776
$760a^+$	54432	-67392	36288	-24192	56448	-108864	72576
$3344a^+$	15372	17568	24768	-51072	-17472	22176	-28224
$9405a^+$	14112	10368	-1152	16128	16128	-8064	-48384
$35112ab$	-1008	-1152	4608	7488	-8832	-2304	576
$267520a^+$	-558	1908	-1692	408	-552	-7524	6336
$270864a^+$	1652	128	-672	448	-1792	5376	-3584
$374528ab$	-648	1728	1728	648	1008	-3024	216
$656250ab$	720	-576	576	1152	-1152	-576	-1152
$1185030a^+$	592	-832	-192	128	128	-1344	896
$1361920a^+$	-1053	-567	918	108	1098	1971	-2484
$1361920bc$	27	513	378	-432	-162	-1269	1026
$1575936a^+$	-733	-127	-342	-212	1118	-129	-1124
$2407680a^+$	702	468	-972	-72	-72	396	-144
$4561920a^+$	-173	-367	-222	-292	-202	1191	596

References

- [Mül03] J. Müller. *On endomorphism rings and character tables*. Habilitationsschrift, RWTH Aachen, 2003.