$Suz.2$

$2_{-}^{1+6}.U_4(2) \leq 2_{-}^{1+6}.U_4(2).2$	270270	$1a^{\pm} + 143a^{\pm} + 780a^{\pm} + 3432a^{\pm} + 5940a^{\pm} + 14300a^{\pm} + 18954a^{\pm} + 25025a^{\pm} + 66560a^{\pm}$	18

Character Numbers: [1, 2, 3, 4, 7, 8, 11, 12, 14, 15, 20, 2 1, 25, 26, 27, 28, 38, 39]

	S_1	S_2	S_3	S_4	S_5	S_6	S_7	S_8	S_9	S_{10}	S_{11}	S_{12}	S_{13}	S_{14}	S_{15}	S_{16}	S_{17}	S_{18}
χ_1	1	1	54	54	360	360	1728	1728	5120	5120	9216	9216	17280	17280	46080	46080	55296	55296
χ_2	1	−1	54	−54	−360	360	−1728	1728	5120	−5120	−9216	9216	17280	−17280	−46080	46080	−55296	55296
χ_3	1	−1	−27	27	−90	90	−432	432	800	−800	1152	−1152	−2160	2160	1440	−1440	−3456	3456
χ_4	1	1	−27	−27	90	90	432	432	800	800	−1152	−1152	−2160	−2160	−1440	−1440	3456	3456
χ_5	1	1	21	21	30	30	276	276	−160	−160	768	768	120	120	−1440	−1440	384	384
χ_6	1	−1	21	−21	−30	30	−276	276	−160	160	−768	768	120	−120	1440	−1440	−384	384
χ_7	1	1	3	3	−60	−60	132	132	200	200	48	48	−60	−60	360	360	−624	−624
χ_8	1	−1	3	−3	60	−60	−132	132	200	−200	−48	48	−60	60	−360	360	624	−624
χ_9	1	1	15	15	48	48	12	12	128	128	−144	−144	276	276	−96	−96	−240	−240
χ_{10}	1	−1	15	−15	−48	48	−12	12	128	−128	144	−144	276	−276	96	−96	240	−240
χ_{11}	1	−1	−9	9	−24	24	36	−36	80	−80	−144	144	−108	108	−48	48	144	−144
χ_{12}	1	1	−9	−9	24	24	−36	−36	80	80	144	144	−108	−108	48	48	−144	−144
χ_{13}	1	−1	−11	11	−10	10	−48	48	−80	80	64	−64	80	−80	−80	80	64	−64
χ_{14}	1	1	−11	−11	10	10	48	48	−80	−80	−64	−64	80	80	80	80	−64	−64
χ_{15}	1	1	9	9	6	6	0	0	−64	−64	0	0	−144	−144	192	192	0	0
χ_{16}	1	−1	9	−9	−6	6	0	0	−64	64	0	0	−144	144	−192	192	0	0
χ_{17}	1	1	0	0	−12	−12	−18	−18	8	8	−9	−9	36	36	−96	−96	90	90
χ_{18}	1	−1	0	0	12	−12	18	−18	8	−8	9	−9	36	−36	96	−96	−90	90

Ramanujan Graphs: [2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18], [2, 3, 4, 5, 6, 9, 10,
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