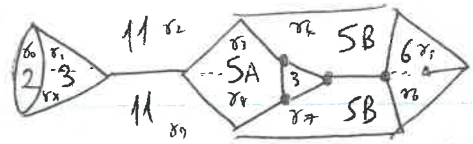
Quilts for $L_2(11)$. ODD CASES

This page contains all webs with an 11-face.
It is closed under "decoration".

		τ^2/δ
$\gamma 0$	∞0.1X.25.37.48.69	0
$\gamma 1$	∞10.26X.385.497	1
$\gamma 2$	∞2754X39860.1	4
$\gamma 3$	∞3X40.12876.5.9	9
$\gamma 4$	∞4130.29X56.78	5
$\gamma 5$	∞57890.142X63	3
$\gamma 6$	∞64320.158X79	3
$\gamma 7$	∞7X80.16592.3.4	5
$\gamma 8$	∞8170.2.345X9.6	9
$\gamma 9$	∞94671823 50.X	4
γX	∞X0.195.247.368	1

So τ^2/δ = 0 1 4 9 5 3
⇒ orders = 2 3 11 5A 5B 6
So we distinguish between 5cls by:-
5A: $\delta=1$, $\tau=\pm 3$ $\tau^2/\delta = 9$
5B: $\delta=1$, $\tau=\pm 4$ $\tau^2/\delta = 5$

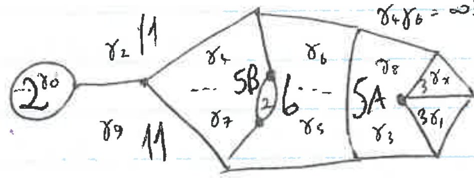
$\gamma_3\gamma_4 = \infty 04 \ldots$ θ: ∞0X5369721.4.8



A (40)$_{10}$

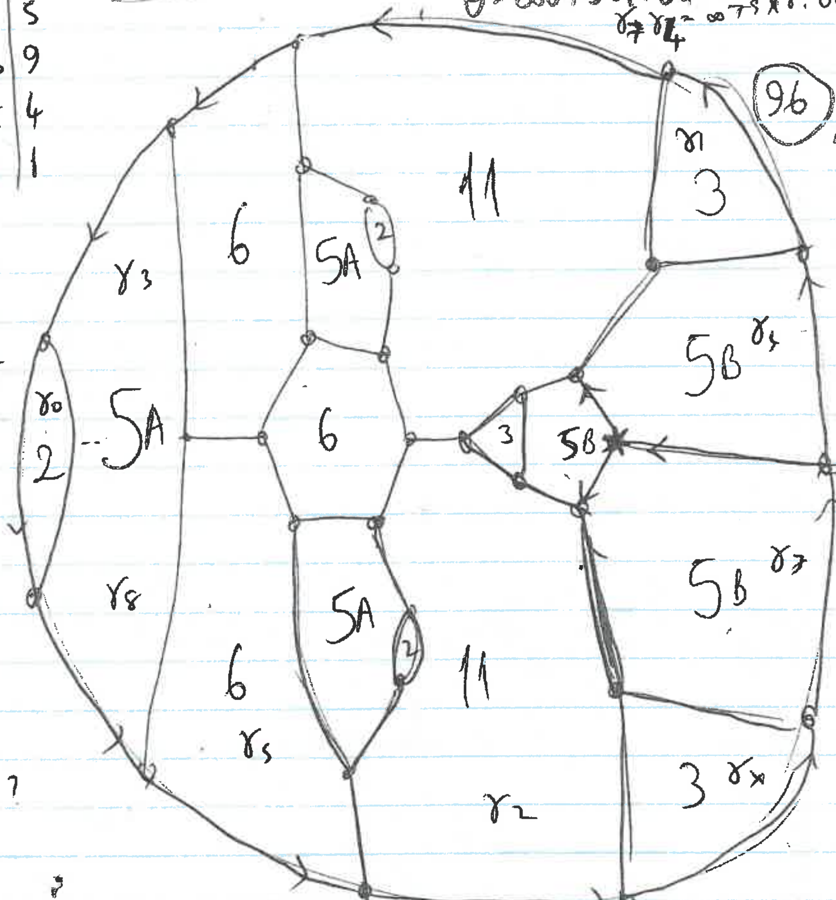
θ: ∞05463 1X7982

$\gamma_4\gamma_6 = \infty 3.06 \ldots$



B (36)$_{12}$

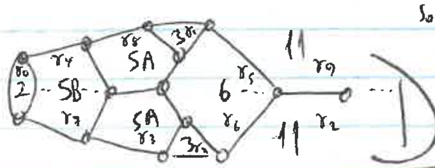
θ = ∞073.1564.2X89
$\gamma_7\gamma_4 = \infty 73X8.04123$



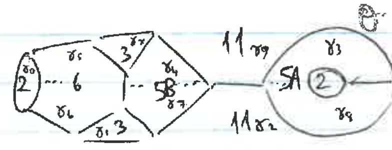
(96)$_4$

C

∞3681X497025, i.e. $t \to \frac{3t+1}{t-5}$, takes $\gamma_7 \to \gamma_7\gamma_4 \to \gamma_4$
So the 3fold sym about * is achieved by a conjugacy in $PGL_2(11)$



(40)$_{10}$ D



(36)$_{12}$ E

$\gamma_8\gamma_3 = \infty 7.03 \ldots$

A $2^1 3^2 5^1 \bar{5}^2 6\ 11$] 5-way?
D $2^1 3^2 5^2 \bar{5}^1 6\ 11$

B   ② $2^1 3^2 5^1 \bar{5}^1 6^1\ 11$] 5-way?
E   ② $2^1 2^2 5^1 \bar{5}^1 6^1\ 11$

C $2^3 3^3 5^3 \bar{5}^3 6^3 11^3$ ⊃ 5-way?