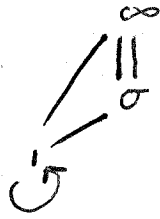
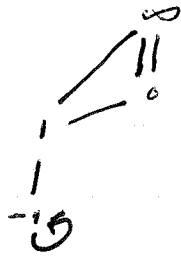




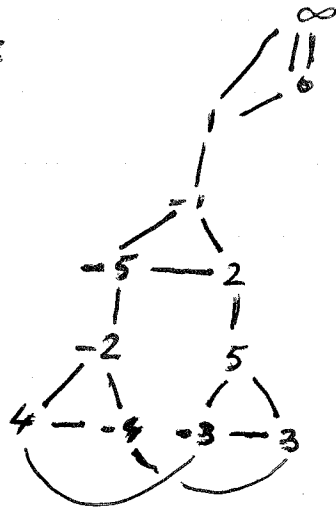
$G_{\Gamma_0(2)}$:



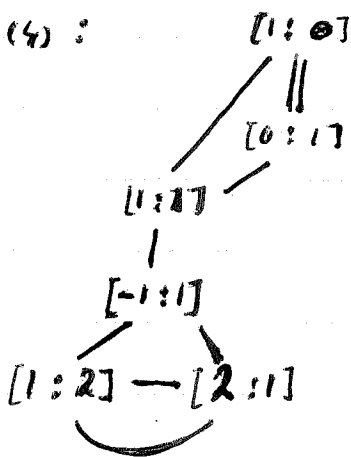
$G_{\Gamma_0(3)}$:



$G_{\Gamma_0(11)}$:



$G_{\Gamma_0(4)}$:



$$\begin{aligned} \text{Ex } \# P^1(\Gamma_0(N)) &= N \prod_{p|N} \left(1 + \frac{1}{p}\right) \\ &=: \psi(N) \\ \psi(4) &= 6 \end{aligned}$$