



$$R_{E_6}^1$$

$$bd = db, ce = ec, fg = gf,$$

$$ada = dad, aea = eae, afa = faf,$$

$$beb = ebe, bfb = fbf, cdc = dcd,$$

$$cfc = fcf, dgd = gdg, dhd = hdh,$$

$$ege = geg, hfh = fhf, hgh = ghg,$$

$$cgb = gbc = bcg, def = efd = fde,$$

$$adca = dcad, dchd = chdc,$$

$$eghe = gheg, egae = aega,$$

$$fbaf = afba, bhfb = fbhf,$$

$$h^{-1}ch^{-1}f^{-1}af^{-1} = f^{-1}af^{-1}ch^{-1}c^{-1}, ad^{-1}a^{-1}gh^{-1}g^{-1} = gh^{-1}g^{-1}ad^{-1}a^{-1},$$

$$bh^{-1}b^{-1}e^{-1}ae^{-1} = e^{-1}ae^{-1}hb^{-1}h^{-1}$$