Chris Haydork Lecture 7, Exercise A a. 1916 We also know 11 = 4 in Da / TU> / = / U/ [,2] = [], [2] 122 = 210 We have (12/12 = 114) = in D6, 50

rane, (3) = 6 = 5 17 = 13 (13/3 = (14 = ((13/1 = 41 = $\left(\frac{1}{3} \right)^{\frac{1}{3}} = \left(\frac{1}{3} \right)^{\frac{1}{4}} \frac{3}{3} = \frac{1}{3}$ 50, 11-11 133 = 81, 133 = 1,7 $\frac{1}{3}$ = $\frac{1}{5}$ = $\frac{1}{5}$ 1517 = {1,513 663 = 51(51) = 55(16) = 1[51²] = {1, 56²} $(57^3 = 56(57^3) = 55(7^27^3) = 1$ 1513) = {1, 5133

Cyclic groups SI ENDLIC Gererated Plenent 75 = 1x7 = El x3 GAD Zy = Ly = {1, y, y, 3} $\frac{1}{2} \times \frac{1}{4} = \frac{E(1,1),(1,1),(1,1)}{(x,1),(x,1),(x,1)} \frac{3}{3} \frac{1}{3} \frac{3}{3} \frac{1}{3} \frac{3}{3} \frac{1}{3} \frac{3}{3} \frac{3}{3} \frac{1}{3} \frac{3}{3} \frac{3}{3} \frac{1}{3} \frac{1}{3}$ Cyclic subgroups aro;