Chris Hayduk Lecture 4, Exercise C 13 S12 S13 13/1 5/513/512 1 13 12 1 513 512 1 13 12 1 513 562 51 513 1 13 17 1512 51 513 b.i) 7(Dq) = 81,23 ii) (Ba(1) = {1 1 1 3 3 i:) (B&(&1,53) = &1 133 in CD8(61, 133) = & 1, 1, 2, 33 1) NDQ (1) = E1, 1, 133

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MD8 (EC, 53) = E1, 13 $ND_{S}(E_{1}, 1^{3}S) = E_{1}, 1, 1^{2}, 1^{3}$ H= El, 1, 133

Then NDg (H) = E1 13 Set of elements that committee vi-72 E I (6) 9 E 6, ve hase rote that (c(216))= & g &] Since 7 commitées ue have 9257 = 9517 = 2 ty 9166 Hence 6 = (6(2(6)) De already Know that 65 50 NG (2(6)) = 6

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Suppose G. His a subgroup of