Solutions for EECS337 Homework #02 2.2. (g) 5 > 55* > 55+5* > 99+9* 5) S S S * S S + 9 - 1 1 9 9 c) postfix for example 9,92+93* where: 9,=1 92=2 93=3 12+3* 2.2.29) 5->05/10/ output: 01, 0011, 000111, ... equal number of 0's and 1's b) S -> +SS /-SS/9 oxput: 9, +99, -99, +-999, +9-99
addition and subtraction of 9's in
prefix format c) 5 -> 5(5)5/E output: empty, (), (()), ()(), ()()() Zero or more sets of parentheses in sequence or embedded

Solutions for EECS 337 Homework #OZ 2. z. 3 a) is NOT ambiguous osi (only one tree) for 0011 b) is NOT ambiguous for +-999 c) is ambiguous (two trees are possible) S (S) S 1 / //// S e e s (S) S e e e e

