100 $j=2 d^2 - 2 d - 3$ 50 j=4 d + 53-5 -50 100 80 $z=-b^2+3b-1$ 60 z=13 - b 40 20 Intersection 2 Intersection 1 10 b -5 5 50 $- r = -2 j^2 + 2 j - 1$ $- r=4 j + \frac{19}{2}$ -100 -150 50 Tangent Line -50 -100 Solution 50 -50

1. Which of the following is correct intersection plot:

 $- r=-2j^2+2j-1, -2, 2, -1, 4, \frac{19}{2}$ - r=4 j + $\frac{19}{2}$ -100 -150