find the boundary and interior of following subsets of R2 a) A= {xxy(y=3, 3A=A b) B={xxy/x>0,4+0} int B = B 3B = {0x(-∞,∞)}U{[0,∞) xo} c) C=AUB int $C = \{(0, \infty) \times (-\infty, \infty)\}$ $\partial C = \{0 \times (-\infty, \infty)\} \cup \{0 \times (-\infty, \infty)\}$ Y > 1×2-1 d) D= {xxy(x is rational} int D = 1 (vationals are closed?) e) E = { xxy | 0 (x²-y² (s) 0 < x²-y² (s) x² > y² (s) |x| > |y| , x² < y² + | 7 = 2xxy x2=43 U3xxy x2=4+1



