

Now P(Car in A) year in clas) = 1 P(Gest in B) = 1 p(cal in 18/1 | Gent in (13) 2 1 p(Gent in 1871) = 2 In, It is good to buitch gates A: 3 halls drewn ale sed B. Ble balls are led P(B|A) = P(B(A) = P(B) P(AB)
P(A) P(A) P(A)=1x3x2x1+1x4x3x21 6 6x 8xx 6 6xxxx - 1 - 7

a) e(xc0.5) -0.3 b) P(0.28 (x (0.75) 2 P(x 20.4) + P(x20.5) = 0.4 c) p(x=0.2 | x=06) = p(x20.2 () x20.6) 2 p(p(x20.6) P(x20.2) P(x:02)+P(x204)+P(x205) 0.5 3 S. 1) Since Fis sight continuous 402-9016-1 402-90+220 C = 2 1 C = 1 2) P((cx c2)= F(2-)-F(1):0 P(2 5 x (3) 2 p (3-) - 12 (2-) = 1-11 - 1 12 12 12(6 < x (1) = p(1) - p(0) 2 11 - 2 - 1 $P(1 \le X \le 2) = F(2) - F(1) = 11 - 2 = 1$ 12 = 3 = 4F(x)3)21-F(3-)20



