5.2.6 Interval [0,1] 1= (x1) pdf;=Px(x1,x2) = 1 an (0,1) u-u(x) (u(x) = V-100g(xn) cog(2 T Xn) 42(X) = V-2 log (x) Sin (2 T X2) First with build the inverse X(u) XX: Phytagorian trisonometric assertity U2+42=(-2 log(x1)). (Sin (2xx2)+(cos (2xx)) u2+ 42= -2 log (x7) -1 (13+43) = los (xn) ×1(4, 1/2) = e-2(4, +42) then X2: Un = tan (2 TXn) 12 (u1, u2) = 1 stan (u2) Derive the inverse of dx(u) dx (u) = |dxn dxn dur dur dur dur dur 10-1 (un + un) un e-1 (un + un) (cuz) 2K(Un+42)2 2 K (Un+u2)2