p(x) = 0 = 1 ((1, +00)), 0 = 1 F(x) = 1 - 1(1, 4 =) 1, 0-1 a) Out LIDI = 17 (0-1) - (0-1) 17 70 ln 1101 = n Pn 10-1) + 0 2 Pn x; - ma, Dent (0) = 1 -> lnx = 0 - 0, = 2 lnx +1 B) X - weg. I p(x/dx = = J(Xn, 0) + 9/4) S(0-1) todx = 0-1/x - 0/x = -x 0+1/x = -x 1 0-1 = = X = 2 - X = 2 0-4 Mnoranephan WITH gus ONT : I(D) - 1/0) In 23 N/O, 1/ f(0) = 20-1 f(0) = 20-1 G(0) = Jof (0) I bf(0) V + = 20-1 Pn2 (0,1)2 0 = 28nx1+1 I = WI(30 P)] = S(0, -lux) 2 dodx $= \int \frac{1}{\theta - x} \int \frac{1}{x} \frac{1}{x} \frac{1}{x} \frac{1}{x} \int \frac{1}{x} \frac{1}{x}$ 6(8) = 120-1 ln 20-11-10-11-20-1 ln 2(0-1)2 = 20-1 ln 2 g-1 1101-1101 Jan NO,1)

