



Date: 1

Propenties q Expectations Sinnal Pyle Carple not trubragabora or whole product con Y=g(x) 602(1-0)2 FM) let x be a n. V. and let Y = g(x) $E[Y] = \underbrace{2}_{Y} P_{Y}(Y)$ $E[Y] = \underbrace{2}_{Y} P_{Y}(X)$ In general E[g(x)] # g (F[x]) 2/d/8 are constant; inin $E(x) = 2x \cdot (x) = 2$ ECX7 = LE[X] E(dx) = { d lw bx ls) = EXXPXIN) = Q & n Px(n) = LE[X]