HVV -F(x) Ex 2.2 2 $(0) - F(0^{\dagger}) = 0$ $(X \le 1) = 1 - F(1) = 1 - (1 - P + 1)$ 2.4 2.6 will tria 2.7 value of X can be 0,1,2,3 $P(X=0) = (\frac{3}{2} 0.7^{\circ} 0.3^{3} = 0.07^{\circ}$ = C3 0.7 0.32 = 0.189 P(X=2)=(2 0.2 0.3 90.3 = 0.343

E P(xk)=1 => # ax2+a=1 => a=1 2.8 a=2 2.10 $P(X=0) = F(0) - F(0^{*}) =$ P(X=1)=F(1)-F(1#)=to $P(X=z) = F(z) - F(z^{*}) = \pm$ P(X=3) = F(3) - F(3) = to $P(x=3.5) = \frac{1}{10}$ 3.5 X 3 0 2 P(x) $\int_{-1}^{6} f(x) dx = \frac{8}{3} \int_{-1}^{6} (1-2x+x^{2}) dx$ 2.13 f(x)d v= (b)