1-10 E[x+2]= \ \ (x+2) P(x,2) dxd2 = SS(x+z) P(x)P(z) dxdz = [xp(x)dx+[zp(x)dz ELXJIELZ var[x+2) = ( ((x+2)-E[x+2))] = \( \( \( \text{(x+2)} - \text{E(x+2)} \)^2 P(x,2) \dxd2 = \( \( \( \text{(x-E(x))} \ \( \text{z-E(z)} \) \\ \( \text{P(x)} \) \( \text{x} \) - (((X-E(X))+ (X-E(S)))+ 5(X-E(X))(S-E(S))) b(X) b(S) g(X) g = ( ( (X-E(X)) P(X) dx ( (Z-E(Z)) P(Z) dZ var[x] + var[z]