



> Yarrance: V[x]= E[x2]-(E[x752 :- V[x]=mpg (g-1-p) > standard developer SEAJ = TVEND - 5(x)= \npa ExAMPLE: A die 12 thrown repeatedly 36 times

en all. Find ECOD and V(x) where

20 22 the number of sixes obtained. => M=36.

Probability of getting six= P=1 9-1-9-1-1-5 · E(x)-np= 36x1=6 V[x]-mpq=36x1 x5= 5 # The expectation of a binomial distribution represents the average or mean number of surcesses in a fixed number of independent Bernoulli totale, whou each trial has the same probability of success.