(tumuslau ntim (i wetou. Randon vail able pict 3 balls out 4 white balls with suplanment & feder (Sample town) (population turn) T: hartisale > 12 = 176 pix 2 black balls out of black with suplanment & order matters X1= heard hate 5 1 × (3 out 4) v(2 out 6) victor Averior Handon Varable sample & loopatients XI- ECXI JEXPUTE 4 ow of 10 are wighte, pick 3 such. x,-a1760 = 8 out of 10 are black pick 2 such of heart rate ditriation GAPPERINATION LIO (10 10 10) × (6 x 6) Hardon unually $\left(\frac{4}{10}\right)^3 \left(\frac{6}{10}\right)^2$ -> Binomial formando x,-ang(II)]2= (x, -e(x,72) (-5)2 Liast Mote Survey (n) (P) Rx x (1-P) n-01 3 10x (0 y) x (0 d) 2) Quari duriation dwintign Hundan Variabl/ vector . with (with control explanment -) hypergeometric engle 5 8 10 bills - = 10cc E[[x-E(x]]] - and (square duriptions withy) · and (Ex - ang(x))? chose 3 of 4 white blairs -) 30 36 % unou 2 8/ 6 Blac bally -> 663 = 1/04[4] / minu 1)=10 n=5 = (3)+1-5)+19)+...+(37)2 R=4 K=3 - Duncing & to broad safe . Somple variance of the mart rate spage N-R=6 11-91=2 VELOU-BOUTA? .. Somple your arce Value 3) Standard duridials J(-3)2+(-5)2+(9)2. =) SnCx3 (BPM) Vandary dealth 1/4 Sample Stardard dividion of the heart note Land Hote (834)" [ganial - are outraine is independent of other outraine How the previous pie son't expert the next pice. from st - 4 hypergranding distribution : one outsome infulnce the pit 5 = 10 (nonlimly pick) other butcome Home the functions pix is not picked again which change the published go gradu 3 holls 1954 in this 3 are arrivate probability of not coming feelbability