DAST I SIVEN by the CLT A) Derive expressions for E[x] and var [x] under the null hypothesis in terms of Pa TO COMPUTE P(X > Pi3) under the NULL HYPOTHESTS you will use Therefore you want test the null hypothesis PB < PA = . S and reject it if P(X > PB) for Remember, the hypothesis testing framemork is setup where you use your experiment under twis hypothesis. or is the reject level, d=.05. to reject the hypothesis that new the new design does not mireage circle rate. Experiment: Show link to 11-50 people and see if they click on link, version is Version A Hypothesis testing EDJ = EDJ 3 = [233 5=30 People Clicked on link, x= A & xi = 30 = .6=PB estimate Bernouni(.5) 5 (n Pa) = Pa has click rate (PA=.5) Varex] = Var[h & xi] = 72 % var(x:)
= 72 (n Pa(1-Pa)) the normal