6/20/U Leemet A Hw # - half will be one ther years - the holy our used Plan - will can moved thoughthers. - hypertion seems for common suples Reven of CLT

Sociolis $X_{11\cdots 1}X_{11} \stackrel{iod}{\sim} N/rem n, so, \sigma \Rightarrow X-n \longrightarrow Z$ Convergence in dostribusion hears 95 h >20, the POF's become =. Pein of Shites and series of words $X_1,...,X_n \stackrel{iid}{\sim} N(m_1\sigma^2) \Rightarrow \stackrel{X-n}{\stackrel{d}{\sim}} \stackrel{d}{\sim} Z$ Egals in distribuson" rests day has the some PDF right non Lestr go on T director agen: p.357 Real boson confily $X_{1,...}X_{n}\stackrel{id}{\sim} N(m_{0}\sigma^{2}) \Rightarrow \frac{X-m}{S}\stackrel{d}{=} T_{n-1}$ the sights has so be home, It come be your grythy

half hem in out 6. Her grown about they

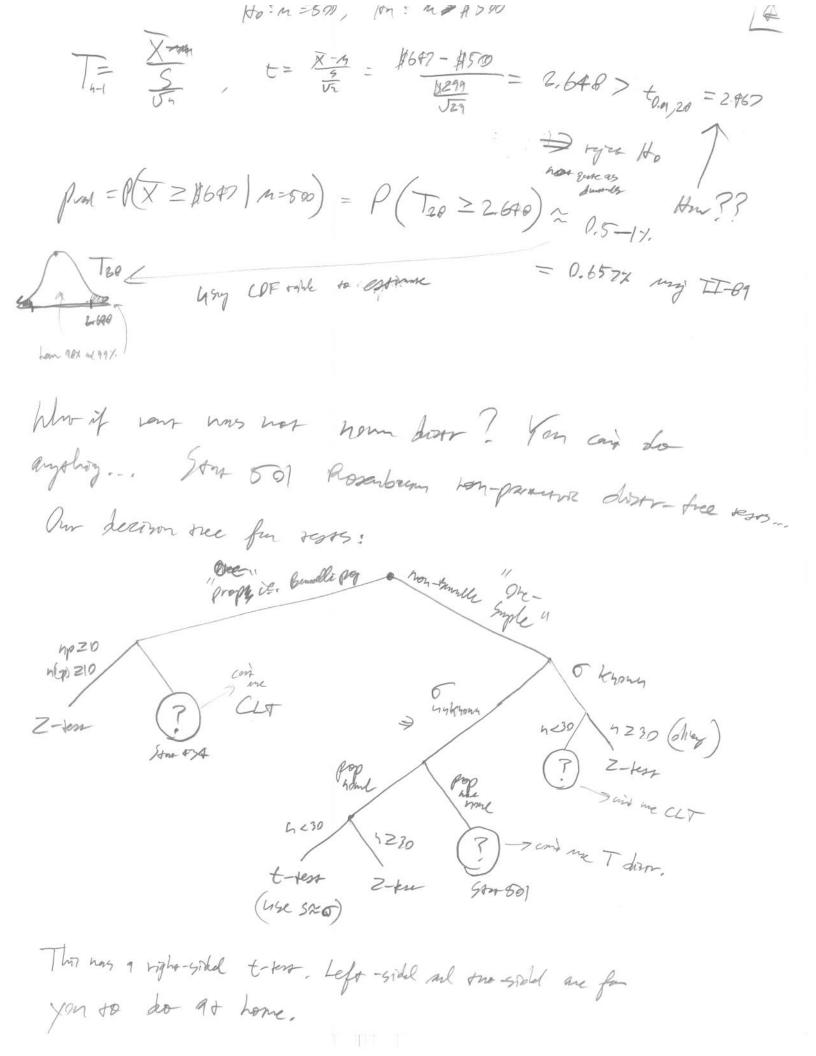
Preprisons! Popolismen are Bestouilles sul obefor P ~ Mp. (TED)?) (book calls his p on 1383 > my!) on name Super: Ropulson could be only X~ N(m, (2)) I two paras In the sight case, in the ac Strick esting the paragraps. M and O. Thur CANAU O forces me to use the T don. Wer Estrony from Suple SD, S. Let's brild this of slowly -- proper region comp. See 16.3 p389 has an est of of copy capily in Deman. In order to be proposed by seed to him seems two him \$500. Design an eageness. Take SRS n=45, Ind x=649. The largy krows 0=300, southing well challey in a second, less de 1 hp. test ...

> Ho: M=60 Hn: M > 500 e Only can show that side we we saying to rejen to melle

Form for strang or Mall is the Z= X-M => Z= X-M = \$6.47-\$500 = 3.28 > 20.01 = 2.326 => yran Ho Non In prohe. Jul- P(XZ86#7/m=500) = P(Z>3.20) = .0005 < X=1X= = yorks He bown is promision but the typothesis. These sells as And when down commodor a specific claim short to pipelison. The result is said to be stonistically significant since for < a, Ith step, sign, dethunce has the. It has me rem that usual is important or early-slopping. Her public

Mor consider the use in do not know 5, bon me do know that works in horm down. How do no law horm down? We used a R-R plan to perhals not could be this closs. Who do we do now? Since h 230 =) has reed for them just use Z-know her. Let's say h = 29, at X = \$647, s = \$299... be's or this.

TIII I



18

Lex's bulk a CI for form ears! $C_{\overline{M},\overline{99}}$, = $\left[\overline{x} \pm t_{0.01,20}, \frac{5}{5\pi}\right] = \left[4647 \pm 2,640, \frac{4299}{529}\right] - \left[4499.98, 479.02\right]$ Unit 9 minure \$500 € CI but re ogentole test! In world but report aced to CI. CI's App. testing only who hip. terr is CI's as less paropel" them hyp. tens. Who is pour? Pour = P (regressing to I who is me me)

Who we so = P (Inling an effects) Ho Tope I Coppin Hu produ Ho Tope II Sport of show box is pour =1- A Tope II crusy Some of the hold The It's a very different to peg. -

A been sumfactured makes \$002 bossles. The nozzle

has 6 = 0.202. The muche is been to break a value and

the stars apart our \$0.102 with of \$002. If

ne take a SRS of 30 bossles from production, as whe

is the prob ne find our if the value is broken? x = 5x.

let's go alof as run a hyp sest and way obser the granular.

Ho: h = 1002

He: m = 40.102 e Suple Hy differs In before

The 6230 and o known => 2-test:

Z = 41.05-40 = 1.369 < 1.695 = fail to types

Ho Ha and be here... helm do n do?

X Ho

I PLESS

PO PODS & #0.002 #0.4

X = M + Z O = #0.06

7 pin Z_{Hn} = 40.06-40.1 = -61025

Pan = P(2 > Zm | Hg) = 544. Low!!

Sto poros: 80%. hlu n dose read for she Kalchle

40+1.645.07 Tope In