Now p(221.6) Electric lamp problem 6 b(x = seo) is no hove to are for : 0.5 + 0.355 B - P(0 5 x 5 800) : P(0-1000 ≤ 2 ≤ 300-100) 0.5 - ane (0.016) p(-5525-1) N1 1000 Exponential distribution -

Normal met - h, o-1212 persia ser -> > > p(0 5 2 55) - p(052 < 1) Bloomed Tomorions problem of cy Couldy THE

p(-0<2<0) + p(0<2<1.6) =

Nome Just

findr = f(x) > 0 X~ ED (7>0) ofserwise Vor(x): -E(x) : -

Hypothesis Testing :-

The milage which est owner get with a centur kind of ordical time is a centur kind of ordical time is with ex distribution of them time find the prosessibles of them time find will there bast () at least open to, (ii) at most successful.

 $f(x): \begin{cases} x \cdot c^{\lambda x} \\ 0 \end{cases} : edu$ $\begin{cases} x \cdot c^{\lambda x} \\ 0 \end{cases} : edu$ $\begin{cases} x \cdot c^{\lambda x} \\ 0 \end{cases} : edu$

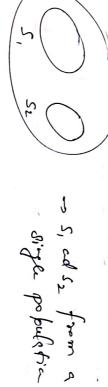
b(x51000): \f(x)gr + \f(x)gr \)

b(x51000): \function \function \function \dx

\function \function \function \function \dx

\function \f

sample c population



Si two different popul

Differt type of typotheory ?
) statistical typotheory (0 = 0.)

1) statistical typotheory (4 = 0.)

112

Aug men ture os so any significat difference.

(situal Region 1 -

one tailed and two tailed tests.

Table for afest 1-

Name of test

Types of Scampling freway ? -

- 1.) Large scample
- 2.) Smal scorper

(i) ruel type typoothesis precedure for typothesis testing

Ho: 0 = 00 Ho: 0, = 02

(2) Alternate importanis HI: 0 +0. (0, = 02) Hi. OSON - left one for led-test - Right one touled test

(3) WS = 2/. = 1/. (0) 8/.

50.0 (2) 10.02

Zy, = Table

(E) Test statistics $\xi_{al} : \underline{t - \epsilon(t)}$ S.E(+)

(§) Companision ad Confusion :— | Ral | 5 | 2 tale |

2 test for different proportion the test sylphisms ? =

2 - test for Disposece limeans 6-3 tot for single mesn s-31 12 12