Problem 4 Tuesday, June 11, 2024

Curso of dim ansienality Parametre approaches often perform budly mpon bis lade

a) 10 s.ncs 10%

10. To = 100 = 190 of the data

= (.10 100)% c)  $(\frac{1}{10})^{100} = \frac{1}{10^{100}}$ 

d) since our window of data is so small shore is very fow points in the regide. For from the this the point, selected can be for from the test points

e) longth is

given P dim. LP = 9169

Cub6 i) 1090 = 110

V= total Volume fraction observered

 $\chi' = 1^{1} \cdot \frac{1}{10} = 10^{10}$ 

 $\chi^{2}=1^{2}$ ,  $\frac{1}{100}=\frac{1}{510c}=\frac{1}{10}=\frac{10}{10}$ 

 $\chi_{100} = 100$ ,  $T_{1000} = 10$ ,  $T_{1000} = 10$ 

However the 1006 is slowers fixed now

S= 10 the S= (10)

 $P = 1 = (.10)^{1} = .10$   $P = 2 = (.10)^{2} = .316$   $P = 100 = (.100)^{1100} = .977$