Kowli Geilding, room KOZ. office hour: today (Wednesday 28th) 15-00 to 15.45

Vested Sampling

Numerical integration to prove $Z = \int_X dx \mathcal{L}(d(x))$ or (x)

also gives weighted scripted Wi, x: ~ P(x/d) from posterior)

(assemed unique pean ralee. Let I may = may f (d/x)

$$\frac{5}{5}(L) = \int_{\mathbb{R}^2} dx \operatorname{Tr}(x)$$

not akien.

stort hand

interpredation

" peadles of the prior, assiciated with higher values of the (stelished".

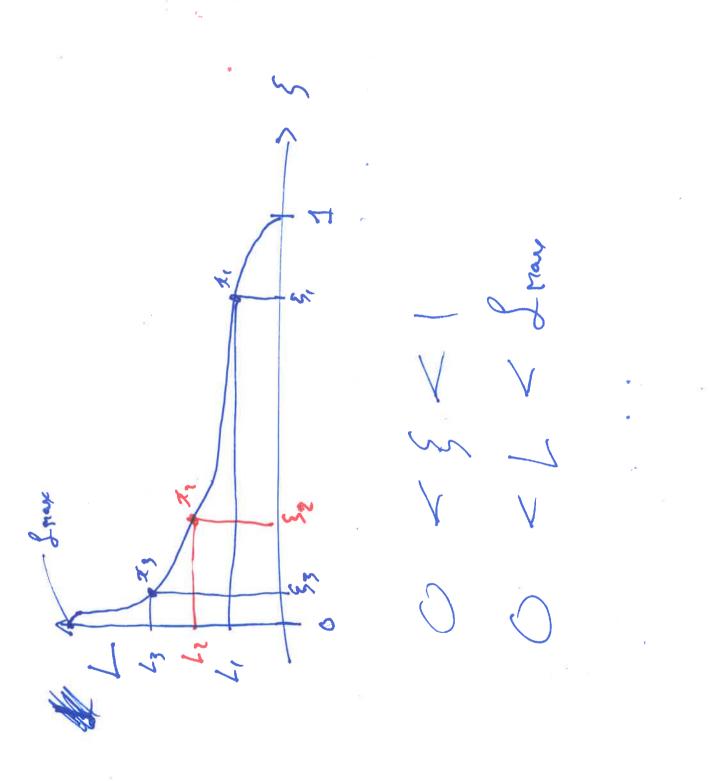
> {(from) = 0 giesto then former {(0)} = 1 < normalisation of 31

(not necessorily comechan) as a fine of x N= R2 centous ap censtant & rectougle It is uniform our inagine, the simplicity

g(d(x) penetion up perenters

 $\chi - \pi$ $\chi - \pi$

Little losed as apendien of the enclosed price mass? I musting this gives L(f) -



n. dimasical percon space. ZEX= R example:

J (2) = 1 { 1 : p 12/ < R Chase price caipers on the a-bell

where up early tell in a dimensions

supplies we have (intelished) = (-1/2/2)

calculate $\xi(L) = \int_{\mathcal{L}^{2}} \int_{\mathcal{L}} \pi(\pi) \frac{(n \cdot t)^{2}}{dx}$

(7612-C) = 02 Volume splee andres R Volene sphere reading r

radion up little state gives a good pict to high w/5 22-) (1-2 leg L) n (5)= exp((7) = (7)

Z= (37 2 6(3) cnder

Z= (dx g(x1x) x(x)

1=1 speculo of points given a

find 2 trafezion rule te integrate wing

- 45) (2-1- - 2) 1 = Z = (8)7 Sp of

W= 541

ory easy is the prior is some " nice" purchies. x3~ 57(2) for 3=9, 1,2,..., Nive-1 Nime = 1000 Li= & (d(x)) live peints nested sompling

O. T. by rejection gentling from prior. idx = again (La, L, , Lz, ... Lyring -1 2:de ~ T(x | &(da) > Lin)

Libe = & (i) (xine)