POSKON

PRIN = PRIO PO

PROP poden

In order so make the postern won-degenie, he proor must be non-degenie f(0) is the sixt of a mother one seen stary dan. This is the big pill so smallow. Fugues screen "it's not abjective"! You contylus use your own ideas. If my f(0) differe from your f(0), he get differe moves!!!

Also is a soill considere a fine value? One camp says yea, when f(0) for uposets ancomy he as the other camp says yea, when f(0) for uposets ancomy he as the other camp says up. Riffere and contents in garantees the an allower clock grown as nown.

election different from double slit experie with

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let's redo this with kernels, First all...

$$\rho(0|\vec{x}) \propto \rho(\vec{x}|0) \rho(0)$$
 Why? possum is a distribution of typing $\rho(0|\vec{x}) \propto k(\vec{x}|0) k(\vec{0}) = k(0|\vec{x})$ Clockdown to $c \Rightarrow \vec{p}(0) \Rightarrow \vec{p}$

$$P(0) = \frac{1}{2} I_{0=.75} + \frac{1}{2} I_{0=0.5} \propto I_{0=.75} + I_{0=.5}$$

$$P(0) = 0^{5x_{i}} (1-0)^{h-5x_{i}}$$

$$k(\theta|\vec{x}) = \theta^{20}(\theta)^{1-2\kappa}$$
 $(1_{\theta=.15} + 1_{\theta=.5})$

$$\Sigma x_i = 2$$
, $\Theta = \{05,0.75\}$
 $K(\sqrt{5}/\sqrt{3}) = .75^2 .25 = .141$

North is more libraly ender of ? More:

Don't reed P(Olix) to green, just road to lets)!

$$=) C = \frac{1}{\sum_{x \in \mathbb{R}} k(\theta(x))} = \frac{1}{(141 + .165)} = 3.76 \implies P(.15|2) = 3.76 \cdot .141 = .53, P(.5|2) = 3.76 \cdot .125 = .47$$

Paix Egomeron: provide best jues of &

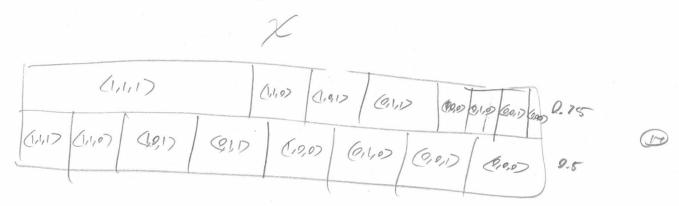
Petine & not := arguma { POLO (O)} = arguma { POLO (O)} = arguma { kalo) ko)}

a postrami

= Ryma { k(x 10)}

(×

Leto see the whole problem. $\vec{x} \in X$, $\partial = \Theta$. Illumine $P(X, \phi)$ $X = \frac{1}{2} < 0,0,07, (0,000, (0,1,00), (0,00), (1,1,00), (1,1,00), (1,1,00), (1,1,00)$



 $P(\vec{x}=4,0,0) = .75^{2} = .422$ $P(\vec{x}=6,0,0) = .75^{2} = .75^{2} = .422$ $P(\vec{x}=6,0,0) = .75^{2} = .75^{2} = .047$ $P(\vec{x}=6,0,0) = .75^{2} = .047$ $P(\vec{x}=6,0,0) = .75^{2} = .016$ $P(\vec{x}=6,0,0) = .75^{2} = .016$

Hon to withere

P(0=.75 | x=41,1)?

[21,1,1),.75}

+ [81,1],.5

(H) = { 0.5, 0.75} + (D = (0,1) Nor the fell primer space. aux âme & Do! Kidelans.

What does Laplace's Prior of Trafferme look like?

Lots use our godernows of 300 to denne the

$$(\mathcal{P}_{0}(3) = \begin{cases} \frac{1}{4}, \frac{3}{4}, \frac{3}{4} \end{cases} \Rightarrow (\mathcal{Q}) = (\mathcal{Q}_{0}(3), \frac{3}{4}, \frac{3}{4})$$

0= Im @ (6) => f(0)= ((01))

Swirdel From dolote -> Commus

 $\Rightarrow f(0|x) = \frac{p(x|0)f(0)}{p(x)}$

< k(xlo) k(e)

~ 0 2x (1-0) h-5xi 1 8 5(0,1)

= 0 Exi+1-1 (1-0) 4- Exi +1-1 1 Delen

< Beta (Exi+1, n-Exi+1)

ey = (1,40), (0~16) = oli ~ lone (3,2)

=> B, ~ U(0,1)

Who is a map if DIX r Bette (d, B) 8 gm 3 (00) 0x-10-0b13 = agma 30x (-016-13 \$ [our (-0) bi] = - (b-1) our (-0) b-2 + (x-1) (-0) bi ou-2 = 0 = (1-0) \$-2 0 x 2 (Q-1)(1-0) + (B-1)0) = 0 => (x-1)(1-0)=(B-1) & => \frac{1-0}{0} = \frac{1}{0} = \fr =) Q= \(\alpha - 1\) \(\alpha + \beta - 2\) Second deror sent confun 0,1521 for mode to com otherise is min. Is shee moster pains estance? Consider de followy prob. problem, les X be 9 r.v. les g(6) := E(x-6)2], Who is rgmin {y (6)}? g'(6) = \$\frac{1}{24} \B \left[\left[\left[2-26\times + 62 \right] = -26 \left[-26\times + 26 \right] = -2m + 26 \left[\frac{1}{24} \right] = -2m + 26 \left[\frac{1}{24

where he going with this?

Thus E = min. mem sq. crop.The sq. crop.

The sq. crop.

T

 $\vec{x} = (4,0,0), \ \Theta \cap (0,1) \implies \hat{\Theta} \cap (0,0) \implies \hat{\Theta}$

Gets grown problem with me !!