Ceepe 17 Runh 381 5/9/10 Reull X1, 10,00 in 1000) On Maro, to P(0,62/x) X K(Ocalx) non-conjugue B(B(X,63) = N(BB, 03) P(02 X,0) = Inv6 (ho+h 2 ho03+ n 02) 80 | X,62) at P(02 | X,0) so solve for P(02 | X)? Can you ask P(AB) = P(AB) P(B) = P(BIA) P(A) PO,01x) - PO102x) READ - PO210,x) PO1x) not possible min eine PEIX) or P(02/X) and there are not possible. so no! Hoverer. What if you use in itemm algoritan? 1 Begin at Do @ Prom 6 frm 8(02/X, 0=0.) and cornyers (3) Pm O, fin P(O) X, 02 = 02) AKA Gibbs Snyling " or do (P Im 0, ... Rolx, 0=0,) Cibbs sayler!

This is different when we N-R and E-M rights. Wy? Normin restrict
robe for far on one vote
E-M Win for Proper is one value for victor)
Here:
(0,02/x). Cume posserior!!
Ikuma look like:
$\left(\begin{array}{c} G_0 \\ G_0 \end{array} \right), \left(\begin{array}{c} G_1 \\ G_2 \end{array} \right), \left(\begin{array}{c} G_2 \\ G_3 \end{array} \right), \ldots, \left(\begin{array}{c} G_4 \\ G_5 \end{array} \right), \ldots$
8 "Chain"
Pas & max &
St. B. in the convergent Pt. of D.
a did algorithm coming ?
1 by 1 1 some 1/-(1/1/2 & 1/2 N-R)

Zun

he call to be burn-in going. Kind of like & M N-R or EM

Pha another my. You seek day but only know falx) & falx). Begin mit to. Orner yo Im $f(y|x=x_0)$ Hen dow x, Im fx/y=y0) Le den y, har fylx=x,)

If you only one about La), you college all y's by von delesing the search dresson The Brin problem with this type of sydy (Brd mon lacks about to truence Sypto well of my be part a sert levial disor's with mulople moder The super all go stack nd: make my chains. Stone from all differen Starting PAS problems in by din (0) the problem pic aug for of = 674 Problems. When of it sold adequals



A suller (box Linkle) problem is as follows dun do for POX, Oct den 6, fin P(62 | X, 0 = 00) Jan 0, for PO/X, 62-62,)

Is O, relade to Do? Yes ...

Is 0,000 who to Ogga? Yes. Afor Burnis (B) sould!

the O1000 at Dann are not independent singles! The CON [O1000, Oan] \$0

reall con[x,y] = Gr(x,y) = E(x-mx(x-mx))

SE(x)GE(x) \ \(\text{Vm(x)} \) \(\text{Vm(x)} \)

USA. by $f:=\frac{S_{xy}}{S_{x}S_{y}}=\frac{S(x_{i}-x)(x_{i}-y)}{\sqrt{S(x_{i}-x)^{2}}S(x_{i}-x)^{2}}$

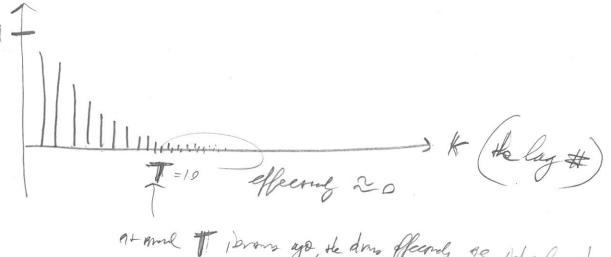
he can for your 948-cardon

autocondim for 1ng 1 loton, corr [De, De+1]

 $V_{91} := \begin{cases} \mathcal{E} & (\mathcal{O}_{\xi} - \overline{\mathcal{O}}) (\mathcal{O}_{\xi+1} - \overline{\mathcal{O}}) \\ \mathcal{E} & (\mathcal{O}_{\xi} - \overline{\mathcal{O}})^2 \end{cases} \quad \text{for } S = \begin{cases} \mathcal{O}_{\xi} \\ \mathcal{E} & (\mathcal{O}_{\xi} - \overline{\mathcal{O}})^2 \end{cases}$

Auroconlon for lay 2 is: (92 = t=0 (0+5-2) 845 E=B Q - 0) 2 FOR = = & (DE-0) (DE+4-0) E (De -0)?

19420. Wy? Everally of departence is losse. 9) some K How to see? Autocordon plos



at mul # proms ago, the done offerend se inderdor de

Ih order to make the dain reports all Hyudus super from parion, he real to those our all sight energy those there andyle of T after B. This is known as "obitary",

 $\left\{ \begin{pmatrix} \partial_{\mathcal{B}} \\ G_{\mathcal{B}}^2 \end{pmatrix}, \begin{pmatrix} \partial_{\mathcal{B}+T} \\ G_{\mathcal{B}+2T} \end{pmatrix}, \begin{pmatrix} \partial_{\mathcal{B}+2T} \\ G_{\mathcal{B}+2T} \end{pmatrix} \right\}$ I the brand out obsert

les l=1... L be she when on he board and should dom. This is shown is How to get Drugge = FOIX) & 0 = - El EMARE = Mel (OIX) = order for subles to longer Del) ? ... O(x) CRO, 1-0 = order forsillet to layer ald rem (E) $\left[\frac{\partial(x)}{\partial(x)}\right]$ rank round $fl = R(ldx) = RO \in \Theta_0(x) \simeq \frac{1}{L} SIO_0 \in \Theta_0$ eg (0>3/x) 2 = 5 1 2>3 i.e. prop. of 6 5-6. 0>3 P(x)? = [P(x) Rela) do to single from this ... O Pick RE 81,..., L3 @ Pm x* for P(x* 10 = 00) 3 Pepus Styps 1,2 olar and over. Oef: Synender Steep Gibbs Sougher A95me pasam P(01,..., p/X) Goksom bra P(O, 10-1,X) 5.4. O-j = { 0,... 0,-1, 0,01,..., 0p} ic all 0's exegre 0;

is Khom Hj.