No -signal ling: H XX B. A TXB | PB(3/4) NE- PB(6/x,4) = 5 p(a,1/x4). p (alx) NS p (al X.Y) = 3 | Yab (Xy) \$ (al |xy) = { 12. a+1 = xy.

Q NS. ?. Q L/NL? Nou local conslitions. Wice Liky | (a | (xy) = | + (a|x) | + (b|y) : idep. p(a) x) . p(6/4) X: least hidden vivindle. (LHU). -> Juned kandenses. (SR.) Halxx) PB(1/xx) D Common Consc p(all xy) = = = p(x) p(a(x, x) p(b(y, x)). for local probability. p(allxy) + (Non local).

PAB & neutrusled state. (\$ + × \$ + | " sep. by. Loe. Quintum interaction (bivert interaction) 1) = e i H+ H = A&B. Quitum Counitation (Indivent Internety) A.

Quitur Covelation. A o B C C S Chusical Commiscation.

9 C Gurutun () 1. E) local quarter speration. start of maken. PAB = (A CB. reported state hove Somerally Pit Pis. PAB = @ I Pi Pi Qi Qi Pi pros. Martin ~ Sependle It's le

so starabe Hep to (W Green] > O.

ex. $W = \int_{Z} I \times I - | \phi^{+} \times \phi^{+} | \beta \text{ which to } | US \text{ dep.}$

witness

NTC 3 le> (+)

P = p | p + x p + (+ (1-p) = IQI.

px. & miximal ents state Sep state Seq. <= | >> eut

to [wp]= = (1-3/100 +> 3.

Nou local pole

PAB (a) ky) = = \$ \$(\lambda) \$(a(x,\lambda) \$(\lambda) \chi.

Entang Destate

8 SEP = 3 p (1 4 0 2 P i.

f 8 3 € f. + (1-p) 8 5 € p. = 8 € Sep.

CUX. CUX 7 1/8.

Called Ente Witness

C. Ion top ... (S= \$10>.11>,1±>. ie d'il si lin xini. 2-design (In coding theory). q. (p+ > 1p+ > 1x+ > 1x>.

14 (re (re (re C > (ents?)

Sep? Nt-Hard (loss (In O(4))) (Conputer Science, Skill.)

 $A^{\circ} \qquad {}^{\circ} \qquad {}^{\circ} \qquad {}^{\circ} \qquad {}^{\circ} = \frac{1}{2} \left(A^{+} \times B^{+} \right)$ (. 16+>., 16->. (+ [16-xp-1 2. 100) (11). P60 2= 10x01 (0x0) 2 # B. Esep. MAR, + [MABPI] to [MARCE] t= 1x+xx+1.

(27. ~0.254 · Mo Sels Called fr box 1+5 1-5. 1=0. | 1=1. Y=1 (05-10)-5111). ()-1.

9 Now local same Mpl = 3 xy TI (x, y) V(al (xy) plas (xy) >(2(X) = to [P p(ablxy) = to 1 p ', M * & M "] Scusu (p) = 4 T Vo knyoff Scare. = & 3 V (abky) A(allxy).

plat (xy).

V=11 a+=xy.

= { }

be all non-local poss. Siven M (1-M) 5(L) € S Iworwe. clon Causa lity Expland. 773712 The live & Bell - I may CHIH: 3 (1) b(alky)

(3)

A(x) = 1 B(y) = 1 $C(\geq) = 1$ $W_{c} \leq \frac{3}{4}$ W_Q =1 Quantum Sturtesy: 14> = 1 ((000>-(01)>-(10)) p(win. (000) = p(a+6+(=0 | 000) = I to [H XXI Mª Q Mi Q Mi] = (41 } N2° & N2° QUE, (12) (100×000) + (011×01) + (10(×101)+

x GUZ Samo a= f(x) b= ky/ c= C(+). THE win it. xx =. afst(Reture " ₩... (x, y, 20) = (0.01) = (0,0,0) it atité. = 1, R viu. = 0, (abe) win 1 = 0 +1 +1 +1 =(4(4) + b(0) + c(0)) + (4(0) + b(1)+c(1)).

=(1(0) + 4(1) +000) 7