$\frac{hag}{2} \times \sim Exp(2) \quad Ex = \frac{1}{2}$ 

11:30,  $\chi_1 \sim \text{Exp}(\frac{2}{\lambda})$ 11:30, camo upernegient e  $\chi_2 \sim \text{Exp}(2)$ 

Y=bpenens, upenspano of II b nomemmunas =  $X_2 + (X_1 - I_2) \| X_1 - I_2 \|$  $EY = EX_2 + E(X_1 - I_2) \| X_1 - X_2 \| = I_2 + \int_2^{\infty} (X_1 - I_2) 2 \cdot e^{-2x} dx = chembane$ 

 $\int e^{-x} dx = -e^{-x} \left( x + A \right)^* \text{ no rady}$ 

huaca | Exp(2) Exp(2) upegno ina/rac

Naca | Exp(2)

Naca | Exp(2)

haca topy Exply Exply Exply 22

Jaegus trimitaint yegus Gra/rac
Eple) Exple) -- LZ

Exp(x, + he) = mm (Exp(x,1, Exp(he))

Xt = # genson go boene t

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