T(X, y) = H(X) - H(X/y) = 0, 14

N/2

P(Y/X) = 0,00 0 78 0 3

DNT ponce ucromuka coodeyee

1(X) = -2 Pilog p; = -(0, 7 logo, 7 +0, 2 logo, 2)

+ 0, 1 log 0, 1) = 1, 16 but

Odyale yerobnale > Koponul

M(Y/X) = E = 10 P(X, y) log = P(Y, y)

+ 0, 1 log 0, 1) = 1, 16 but

1(Y/X) = -0, 7 (0, 98 logo 0, 000 +

+ 0,01 logo, 001 +0,01 logo, 001) +0,2(0,1 logo, 0,1)

+ 0,75 logo, 0,3 +0,5 logo, 0,3) = 0,473 but

N3

M(X) = 3400 but; M(Y) = 6800 but;

M(X/Y) = 700 but; M(Y/X) - P

T(X, Y) = M(X) - M(X/Y) = M(Y) - M(Y/X)

 $P(x_{1},y_{1})=0,73; p(x_{1},y_{2})=0,27;$   $P(x_{2},y_{1})=0,08; p(x_{2},y_{2})=0,04.$  fairu kou-bo ungopnayuu  $P(y_{1})=p(x_{1},y_{1})+p(x_{2},y_{1})=0,7370,08=0,75$   $P(y_{2})=p(x_{1},y_{1})+p(x_{2},y_{2})=0,21+0,04-0,25$   $M(y)=-\sum_{j=1}^{2}p(y_{j})\log_{2}p(y_{j})=-(0,75\log_{2}0,75+1)$   $+0,25\log_{2}0,25)=0,815ur$   $P(x_{1})=p(x_{1},y_{1})+p(x_{2},y_{2})=0,73+0,21=0,94$   $P(x_{2})=p(x_{2},y_{1})+p(x_{2},y_{2})=0,73+0,21=0,94$   $P(x_{2})=p(x_{2},y_{1})+p(x_{2},y_{2})=0,02+0,04=0,06$   $P(x_{2})=p(x_{2},y_{3})+p(x_{2},y_{3})$   $P(x_{2})=p(x_{2},y_{3})+p(x_{2},y_{3})=0,22$   $P(x_{1})=0,33$   $P(x_{2})=0,22$   $P(x_{2})=0,33$   $P(x_{2})=0,67$ 

 $= 0,73 \log_{2} \frac{1}{0,78} + 0,21 \log_{2} \frac{1}{0,22} + 0,21 \log_{2} \frac{1}{0,22} + 0,21 \log_{2} \frac{1}{0,22} + 0,21 \log_{2} \frac{1}{0,627} + 0,01 \log_{2} \frac{1}{0,627} = 0,778 \log_{2} \frac{1}{0,627} + 0,01 \log_{2} \frac{1}{0,627} = 0,778 \log_{2} \frac{1}{0,627} + 0,01 \log_{2} \frac{1}{0,627} = 0,778 \log_{2} \frac{1}{0,627} = 0,010 \log_{2} \frac{1}{0,627} =$