شرزادممير - ٢٧٢ - ١١٠١٠ (Oil Galdier, 6.

$$p(B|A) = p(B \cap A)$$
 $o(C^{*})$ $o(C^{*})$ $o(C^{*})$

$$p(B|c) = \frac{p(B\cap c)}{p(c)} = \frac{o/\Gamma}{o/\Gamma A} = \frac{o/\Lambda \Gamma}{o}$$

$$p(B|Anc) = \frac{p(BnAnc)}{p(Anc)} = \frac{p(BnAnc)}{o_1 \zeta \zeta} = \frac{o_1 \zeta}{o_1 \zeta \zeta} = \frac{b_1}{b_1}$$

p(E1)=3/1., p(E1)=4/1.,p(E, nc)=2/1.

: p(G)= قيل الأ= (D) م

P(E, nG)= (A), , P(E, nE, nG)= 1/1. , P(E, nEr)= 25/10

ρ(G/ε,)=(1+) 4.

, p(61 E.) = 510/+ 75/1.

P(GI E, ne-)= 1/4 (9,

المال أمال أبرات!

P(ENE.) - P(A)

 $() \bigcirc \bigcirc$

$$= \rho'(r-\rho)\rho' \cdot \rho''(r-\rho)(1-\rho) + \rho^{\tau}(1-\rho)'(r-\rho) + \dots$$

$$= \rho''(r-\rho)\left(\frac{1+\rho(1-\rho)}{1-\rho(1-\rho)} + \rho''(1-\rho)' + \dots\right) = \frac{\rho''(r-\rho)}{1-\rho(1-\rho)}$$

$$\frac{1}{1} = P(\frac{\partial u}{\partial x} \frac{\partial u}{\partial y})$$

$$\frac{1}{1} = P(\frac{\partial u}{\partial y} \frac{\partial u}{\partial y})$$

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 $p(r_r) = p(r_r A r_i) p(r_r A r_i') = p(r_i') p(r_i) p(r_i) p(p_i)$

p(r.') = p(r.'nr,)+p(r.'nr,') = p(r.').p(r.) = pxp-1)

1. (1) - p(r,) . p(r,') /

ب عدر العر

1) p(r=1) = p(r=1/r=1) + p(r=1/r=1) = p(1-p)

(P) p(r=0) = p (r==11=0)+p(r==11=1) = p(1+p)

D, D - p(rr=1) = p(rr=1) -

كري احتال المان و در الري دولة

 $p(return = 1) = p(r_1 = 0) = (1-p)$ $p(return = 0) = p(r_2 = 1) = p$

ÿ 2 2 1 p=1/r , 1-p=p

من احتال مرا اس المن دارند. دان مورات احتال مای دارند.

$$p(A \cap B) = p(A) \cdot p(B)$$

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$$p(A \cap B) = p(A \cap B) \cdot p(A \cap B) \cdot$$

-1 FRY + 11 DAI

1.0/5

سوال)

de Chien of war of in R

$$\rho(s) = 3/4$$

 $p(RIS) = p(RIS) = \gamma \Lambda \rightarrow p(RIS) = \gamma \Lambda \times \frac{3}{4}$

ر از این رور اردات کی از اردا عین از دیم از این تولیات کی از این تولیات ان الی جنری که کرد نازات p(RIS) = 11 -> P(R-S) = 41 -> 12(R-S)=1/1X/14

p(EIS)= 0/1 ____ p(E-S)=p(S)x.,1=0,1 x 1/4)

 $\frac{P(R|E)}{p(R|E)} = \frac{P(R \cap E)}{P(R \cap E)} = ?$

p (RIS) = 1- p(RIS) = =, C $p(S|E) = p(E|S) \cdot p(S) = \frac{0.900}{p(E)} \times \frac{3/4}{2}$

p(5|E) = p(E|5).p(5) = 0/1 x 1/4
p(E)
p(E)

 $\frac{\rho(\bar{s}|E). \rho(\bar{s}|E). \rho(\bar{s}|E). \rho(\bar{s}|E)}{\rho(\bar{s}|E). \rho(\bar{s}|E). \rho(\bar{s}|E). \rho(\bar{s}|E)}$ $= \frac{\rho(E)}{p(E)} \times \frac{99.0 \times 3/4 \times 0.0 + 0.1 \times 1/4 \times 1}{4 \times 90.0 \times 0.0} = \frac{0.00 \times 10}{0.120}$

= 1,4V il