Formers epigna codoisteir, centre bounounteres 2 yenobus: 2 lossostus necobinees uni  $(NiNi=\emptyset +i,j i \neq j)$ ; 2) Un cyalla pabla S (EN:=SZ)-goesobequoe cocoestue.

Popularia Fancea. P(HilA)= P(AIHi)P(Hi)
ZP(Hi)P(AIHi)

Sugard.

$$\frac{|P(Nz)|P(A|Nz)}{|Nz|} = \frac{0.6 \cdot \frac{3}{3}}{0.6 \cdot \frac{1}{3} + \frac{1}{3} \cdot 0.9} = \frac{0.4}{0.4 + 0.5} = \frac{0.4}{0.4} = \frac{4}{4}$$

$$\frac{|P(Nz)|P(A|Nz)}{|Nz|} = \frac{0.6}{0.4} = \frac{0.6 \cdot \frac{3}{3}}{0.4 + 0.5} = \frac{0.4}{0.4 + 0.5} = \frac{4}{0.4}$$

N2.

Songertelbuoe perenpegerence.

$$f_{\xi}(x) = \begin{cases} 0, & x < 0 \\ 3e^{-2x} & x > 0 \end{cases}$$

Soneyaserbade paempegerence.  

$$f_{S}(x) = \begin{cases} 0, x < 0 & MS = \frac{1}{2} \\ 1 = \frac{1}{2} & F_{S}(x) = \begin{cases} 0, x \leq 0 \\ 1 = \frac{1}{2} & F_{S}(x) = \frac$$

$$P(f^{2}-6f-16<0) = P(-2<5<8) = P(8) + P(2) = \frac{0}{20}$$

$f \setminus n$	0	1	12
0	1/8	2/18	30
1	1/4	10	14
2	0	2/8	4/8

$$\begin{cases} 1, n - p.p. & f = \{(x,y)\} + \epsilon(0,1], 0 \le y \le x' \} \\ P(n+5<2) = \frac{So_2 n \epsilon}{SG} = \frac{\frac{1}{2} + \frac{1}{3}}{\frac{2}{3} + \frac{1}{3}} = \frac{5}{2B-8} = \frac{5}{16} \end{cases}$$