13:没某人带菌为事件A·检测呈阳性为事件B. 该人独立检测子次有2次为阳性.为事件0 P(A)=0.1 P(B|A)=01 P(B|A)=005 P(B|A)=001 P(B|A)=09P P(c): C3P(A). P(B|A) P(B|A) + C3P(A). P(B|A) P(B|A) 20.0138 (2) P(A)C) = P(C) P(C) P(B)A) 14. 4 P(X= k) ZP(X= k+1) P(X=k) = P(X=k-1) 解得 S·3 = k = 6.3 ·· keIR ·· k=6 P(x=6)= C20 (0.3) (07) 4 = 0.192 18" P(X715) = 2 10 = 0 = 0.049 P(X>0)=0.5 $\frac{\lambda^{k}}{k!}e^{-\lambda}=0.5$ $\frac{\lambda^{k}}{k!}e^{-\lambda}=0.7$ P(x22) = \(\frac{1}{2} \) \(\frac{1} \) \(\frac{1}{2} \) \(\frac{1}{2} \) \(\fr 19. $\langle P(X=k) \rangle P(X=k-1) \Rightarrow \langle \frac{\lambda^{k}}{k!} e^{-\lambda} \rangle \frac{\lambda^{k-1}}{(k-1)!} e^{-\lambda}$ $| P(X=k) \rangle P(X=k+1) \Rightarrow \langle \frac{\lambda^{k}}{k!} e^{-\lambda} \rangle \frac{\lambda^{k-1}}{(k+1)!} e^{-\lambda}$

P(E) = 1 - P(B) - P(D) = 1- (0.94) - n. (0.06) (0.94) n-1