

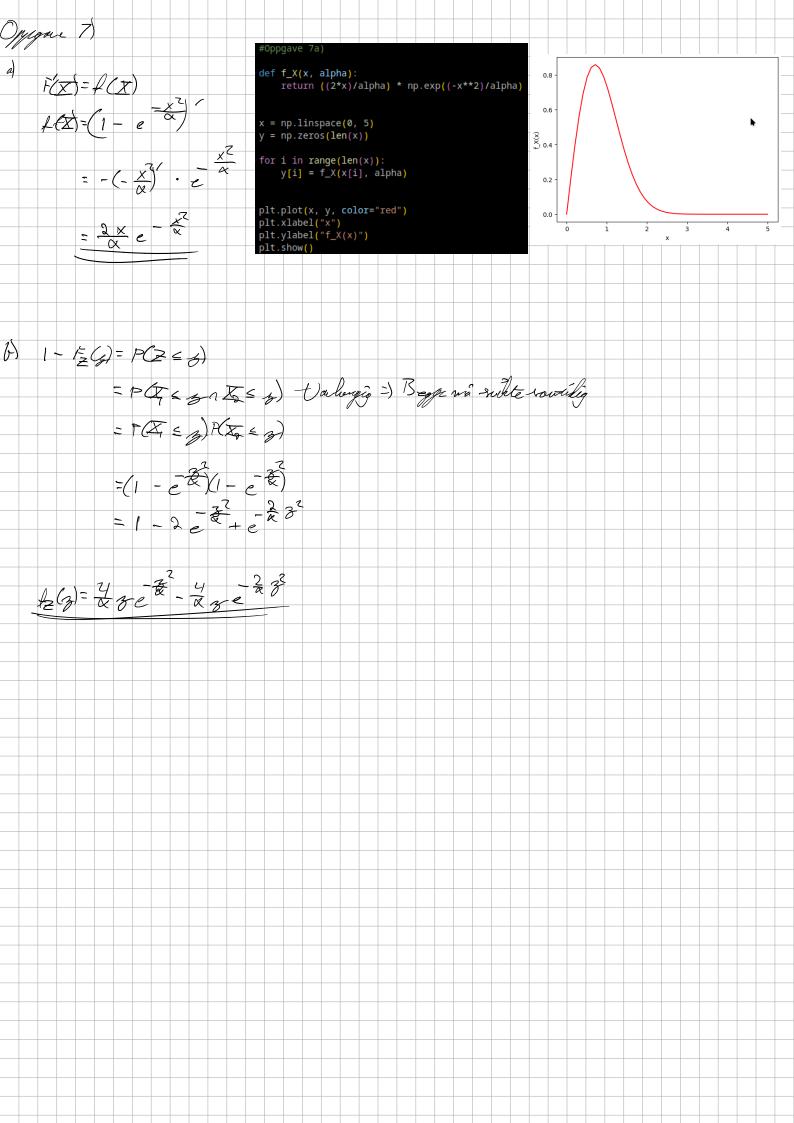
34 huler, 7 opte, 27 Cla, Troller ejn uter illskeleggen A. Alle 7 hules is upde 13: Noysking 4 leuler er ofte C: Tocker 7 med upgalæg 6 ople, så tocker I tol herrar de er soft Antes winform earny stighte model =) P = 4 P(A) = & m=(34) 9 - 1 todi der er bare I hombing in der able er ret T(A) = 1,86-10-7 P(B) m $g = \begin{pmatrix} 7 & 7 \\ 4 & 3 \end{pmatrix} =$ P(13) = (3) = 0,0 1 9 P(C) = P(6 vale) . P(1 val 16 val) =1,30.106

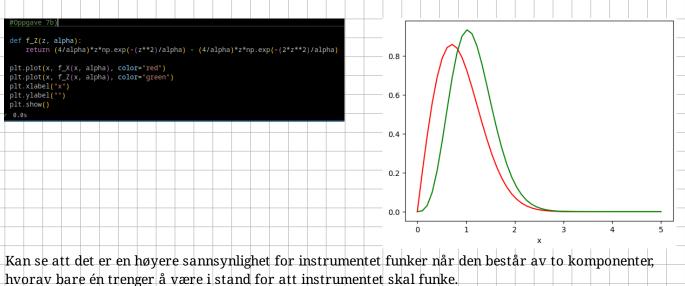
Oppore 3) 300 lodd 3 er ar gweine 4, 3 av B, 294 gir inger. PC = Vinnes nogeting I look as type A = in m= (300) g=(3) (29) P(C) = (3) (9 5) = 0,0 4 2 > P(= mint En av A) = 1 - Klyen er 4) P (hyen es A) = in m= (300) g=(29) 17(G) = 1 - 300 = 0,0493 P(G = Nint en greinni) = 1 - P(/yan greinst) =1 $\begin{pmatrix} 3 & 9 & 4 \\ 5 & 5 \end{pmatrix} = 0,0967$

Opppare 4) P(A) = 0,4 P(B) = 0,3 P(C) = 0,3 AB,CES F(AUB) = 0,6 P(AUC) = 0,5 P(BUC) = 0,6 P(40 B 0 0=0,) P(A n B) = P(A+P(B)-P(AUB)=0,1 P(An Bn()= 3 P(4, C)= P(A)+ P(C)-7(A, C)=0,2 P(B, 0= P(B)+P(C)-P(BUC)=0 P(A U B V C) = P(A) + P(B) + P(A) - P(A, B) - P(A, C) - P(B, C) + P(A, B, C) P(AnBnC) = P(AUBUC) + P(AnB) + P(AnC) + P(BnC) - P(A) - P(B) - P(C) =0,7+0,1+0,2+0-0,4-0,3-0,3 $P(A \mid B) = \frac{P(A \cap B) - O(1 - 1)}{7(B)} = \frac{O(1 - 1)}{O(3 - 3)}$ A&B washengige ? P(A) 5. \$ 70,4 => Who varlenge A&B despender 7. P(A 1 B) = P(0) = 0 ?. P(An B) = Q1 =) 1khe dispenho

Oppme 5 P(F/M=0,08 P(F/W)=0,003 P(K|F)=? P(M)= { P(K) = } P(K(F) = P(F|K) P(K)
P(F) P(F) = P(FIM) F(M) + P(FIR) P(K) P(K/F) = P(F/K) P(K) P(R/M) P(M) + P(F/K) P(M) =0069

Oppgare 6) P(X = 2) = 0,25+0,1+0,05 = 0,40 P(X < 2) X < 4) = P(X < 2) X < 4) = P(X < 4) = P(X < 4) = P(X < 4) = O(4) = O(5) = O(5 $P(X \le 1 | X \ge 1) = P(X \le 2 | X \ge 1) = P(X = 2 | 0 | X = 1) = -0.10 + 0.25$ =0,3684





hvorav bare én trenger å være i stand for att instrumentet skal funke. Dette ser man fordi den grønne grafen f_Z(z) er forskjøvet mot høyre i forhold til f_X(x). Oppare 8) 300 bold, treller 5 X: Antall governter on 4 3 Cold gio gevent A I: Autabl gevenler as B 3 lodd gir gwinx 3 294 gib eingen geweint g = (3)/2 9 7(x) = x (x(x) = 4 $\frac{1}{2}(x) = \frac{3}{3} \frac{97}{5-x}$ $\frac{1}{3} \frac{3}{3} \frac{9}{3} \frac{9}{3}$ 1xx(x,y) = (3/3/2 9 4) (300) (300) $\frac{1}{2}(x) = \frac{5}{2} + \frac{1}{2}(x, y) = \frac{3}{2} + \frac{3}{$ $\begin{array}{c|c}
(3) & (3$

