

£(x)= 3. experiental liste was 4.55 F(x) = 1- 2 x/B 9. $P(\times_{2})^{\frac{1}{3}} = 8$ $= 1 - (1 - \epsilon^{-3/5}) \approx 0.549$ b. Given the and ment time for each spad is 5 hours and 5h inging aging the sound inediately after the first dies the man of for total time is that of the sum of the tac memy , thus 5+5 = 10 heurs Van(x) = 50 = 25 = (25) $= \beta^2 = 5^2 = 25$ 4. Normally distr 1=89 02=9 P(X<94 | *,89) = P(89(X<94) = 2. P(89(X<94) FPC 89 < X < 94) = 2 = 2.5 94 1 (-(x-84)2) dx \$ 0.9044 7 0-1 N= (Zah & $= \left[\left(\frac{Z \cdot 0.4}{0.1} \right)^2 \right] = 144$

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