Advanced topics in Algebro LIST Programming and Classification 3 3 k-3 a) $P(X>5) = (\frac{1}{2})6 = \frac{1}{80.64}$ 6) P(X is even) = 1 * c) E(x) = 1 acause we get tail statisfical in 1 of 2 foss d) $P(x>t_0+t_1|x>t_1)=P(x>t_1)$ $\frac{P[(x)t_1+t_2)n(x>t_1)]}{P(x>t_1)} = \frac{P(x>t_1+t_2)}{P(x>t_1)}$ XXXX

 $TF_{classy, n} = \frac{1}{18}$ THE IDFane = $lop_2(\frac{3}{2}) \approx 0.58$ 2 TF. IDF (ave, 1) = 1/8 · log 2 (2) TF. IDF (are, 2) = $\frac{1}{27} \log_2(\frac{3}{2})$ TF. IDE (do, 3) = 0 3) If there are in 1st text or there as is ware in every texts.