1.1-4. Assureing R= Asymptotic risk for 1-NN and R* is the Bayes visk As shown in 1.1.3 the correctly classified point will have probabili (1tx) r*(n) (+r*(n)). Now, the NN R= lim B[r(n,xh)]. Now, by the dominated converge, R=B [lim r(M,xh)] and we know R=E[r(a)] = R [(1+x) \$\frac{1}{2}(1-\frac{1}{2}(n))] Since, Bayes risk RX is Alle expectation of ra: R= (110). Or R. S (1+X) R (1-R*).