Q3.1 Exp cost of chousing $y=j=\sum_{k=1}^{C} \frac{1}{2}(dj|y=g_k) P(y=j|x)$ Assume y=k
is grand truth Σ λs p(y=o|x) As (1- P(y=k(x))) 1 (dj/y=k) P(y=k/x) Ls P(y=k/x) kt y = Ns. (1- P(y=== 17)) λs (1-P(y= 8/x)) ≤ λg $1 - \frac{\lambda_r}{\lambda_s} \leq P(y=\delta | x)$