Empirical Bayes 到2~N(Q,でエ), ひ~N(川,でエ). P(0/4) ~ P(4/0) P(0) ~ exp{--1(1-0)] +I(1-10)} exp{--1(10-11)}  $=\exp\{-\frac{1}{2\sigma^{2}}(Q^{T}Q-2U^{T}Q+U^{T}U)-\frac{1}{2\sigma^{2}}(Q^{T}Q-2\mu U^{T}Q+\mu^{T}U)\}$ == exp{-\frac{1}{2}(\frac{1}{62}+\frac{1}{2})(\frac{1}{62}+\frac{1}{62})(\frac{1}{62}+\frac{1}{62}))} S (Q-(+++))(+++++))))))))) kernal of multivariate normal dist. with mean ( \_ + = ) ( = = + = /1) and variance ( I + I ) In TE(0/4) = 02(1-B) In (= + = MIn)

Var(O)()) = r~(HB) In