boundary: w+(x-x0)=0. W=Z-1(M-1/12). Xo = \frac{1}{2 \left(\mu_1 + \mu_2 \right) - \frac{\left(\mu_1 + \mu_2 \right) + \frac{\gamma^{-1} \left(\mu_2 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \frac{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}}{\left(\mu_1 - \mu_2 \right)^{\frac{1}{2}}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \right)^{\frac{1}{2}} \left(\mu_1 - \mu_2 \right)^{\frac{1}{2}} \righ Boyes decision boundary not pass between the two or wt (M-40) <0 and wt (M2-X0) >0 W+(M,-10)= \$ (M-1/2)=[+(M,-1/2)-ln[P(W)/P(W)]
=+(M-1/2)=[+(M,-1/2)-ln[P(W)/P(W)]. W (plz-10) = = [pli-plz) = [plz-pl)-lntp(w) 1 P(wo)] (= (M-M-721 (M-plz)) - entP(W) (P(Wz)) 7-2(M1-ph) Z (M1-ph) > lu [P(W)/P(W2)] (\frac{1}{2} (M1-M2) \frac{1}{2} (M1-M2) \frac{1}{2} \left[M1-M2) \f