[13011]

DERIVE BAYES INFERENCE

$$III(a) \neq Rim(r) = \frac{1}{\sigma_{\text{TM}} \sqrt{2\pi}} = \frac{1}{\sigma_{\text{TM}} \sqrt{2\pi}} = \frac{1}{2} \frac{(x - p_{\text{TM}})^2}{\sigma_{\text{TM}}} = \frac{1}$$

$$P_{post} = \frac{P_{L}}{2\sigma_{p}^{2}} + \frac{P_{p}}{2\sigma_{p}^{2}} = \frac{P_{L}}{2\sigma_{p}^{2}} + \frac{P_{L}}{2\sigma_{p}^{2}} = \frac{P_{L}}{$$