$\sqrt{\alpha(X)} = \xi(X^2) - \xi^2(X)$ $= \int_{0_{1}}^{0_{2}} \frac{x^{2}}{\theta_{2} - \theta_{1}} dx - \left(\frac{\theta_{1} + \theta_{2}}{4} \right)^{2}$ $= \frac{1}{\theta_{2} - \theta_{1}} \left(\frac{1}{3} \times^{3} \right)^{0_{2}} - \frac{\theta_{1}^{2} + \theta_{2}^{2} + 2\theta_{1}\theta_{2}}{4}$ $= \frac{1}{\theta_{2} - \theta_{1}} \left(\frac{1}{3} \times^{3} \right)^{0_{2}} - \frac{\theta_{1}^{2} + \theta_{2}^{2} + 2\theta_{1}\theta_{2}}{4}$ $\frac{1}{3} \frac{Q_2^3 - Q_1^3}{Q_2 - Q_1}$ 0,2+02+20,02 Ex . Syly sore en