

4548

$$\alpha) \Delta = 1 - 4(\lambda - \lambda^2) = 4\lambda^2 - 4\lambda + 1 = (2\lambda - 1)^2 \geq 0$$

$$\beta) \Delta = 0 \Leftrightarrow 2\lambda - 1 = 0 \Leftrightarrow \lambda = \frac{1}{2}$$

$$\delta) S - P = 1 + \lambda^2 - \lambda = \lambda^2 - \lambda + 1 > 0 \quad (\Delta = -3 < 0)$$

dpa $A = \frac{1}{\sqrt{\lambda^2 - \lambda + 1}}$ opizelau pe
400f 1f/R