

4-2055 | α). Πρέπει  $A^2 - A \neq 0 \Leftrightarrow$

$$A(A-1) \neq 0 \Leftrightarrow A \neq 0 \text{ και } A \neq 1.$$

$$\beta) A(A-1) \cdot x^2 - (A^2-1) \cdot (A+1) \cdot x + A-1 = 0$$
$$\Leftrightarrow Ax^2 - (A+1)x + 1 = 0 \quad (A \neq -1)$$

$$\gamma) \Delta = [-(A+1)]^2 - 4A = A^2 + 2A + 1 - 4A$$
$$= (A-1)^2 > 0, \quad A \neq -1, A \neq 0$$

$$\delta) x_{1,2} = \frac{A+1 \pm (A-1)}{2A} \quad \Leftrightarrow$$

$$x = 1 \quad \text{ή} \quad x = \frac{1}{A}$$

ΠΑΡΑΡΤΗΜΑΤΑ