

Πρόσθεση 6

$$1. \quad \frac{1}{x^2-3x+2} - \frac{2}{x^2+5x-6} + \frac{1}{x^2+4x-12}$$

$$2. \quad \frac{3x+1}{x^2-1} + \frac{3x-5}{(1-x) \cdot (x-2)}$$

$$3. \quad \frac{x+1}{2x^2-x-1} - \frac{1}{2x^2+x}$$

$$4. \quad \frac{x^2-8}{x^3-4x} + \frac{x+2}{x^2-2x} + \frac{x-2}{x^2+2x}$$

$$5. \quad \left(\frac{30\alpha}{9\alpha^2-1} + \frac{4}{3\alpha-1} - \frac{5}{3\alpha+1} \right)^{3^2-2^3}$$

$$6. \quad \left[\frac{x\psi}{\alpha\beta} + \frac{(x-\alpha)\cdot(\psi-\alpha)}{\alpha\cdot(\alpha-\beta)} - \frac{(x-\beta)\cdot(\psi-\beta)}{\beta\cdot(\alpha-\beta)} \right]^{50^{50}}$$