



Microsoft Office Lens - PDF Scanner

Microsoft Corporation Productivity

★★★★★ 594,338

Everyone

This app is compatible with all of your devices.

Installed

<https://tsortanidis.gr/exapl/>

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Name	Last modified	Size	Description
Parent Directory	-	-	-
A Γυμνασίου/	2020-11-13 10:55	-	-
B Γυμνασίου/	2020-11-13 10:55	-	-
Γ Γυμνασίου/	2020-11-13 10:55	-	-

Apache/2.4.29 (Ubuntu) Server at tsortanidis.gr Port 443

$$\begin{array}{l} 6) \quad A(x) = 2x^3 - x^2 + x - 4 \\ \quad \quad B(x) = -3x^3 + 5x - 2 \\ \quad \quad \Gamma(x) = 4x^2 - 3x + 8 \end{array} \quad \delta) \quad \underline{\Gamma(x)} - [A(x) + B(x)]$$

$$\begin{array}{l} \underline{\Gamma(x)} - [A(x) + B(x)] \\ 4x^2 - 3x + 8 - [2x^3 - x^2 + x - 4 - 3x^3 + 5x - 2] = \\ 4x^2 - 3x + 8 - 2x^3 + x^2 - x + 4 + 3x^3 - 5x + 2 = \\ -2x^3 + 3x^3 + 4x^2 + x^2 - 3x - x - 5x + 8 + 4 + 2 = \\ x^3 + 5x^2 - 9x + 14 \end{array}$$

$$\begin{array}{l} 4x^2 - 3x + 8 - [2x^3 - x^2 + x - 4 - 3x^3 + 5x - 2] = \\ 4x^2 - 3x + 8 - [2x^3 - 3x^3 - x^2 + x + 5x - 4 - 2] = \\ 4x^2 - 3x + 8 - [-x^3 - x^2 + 6x - 6] = \\ \underline{4x^2} - \underline{3x} + 8 + \underline{x^3} + \underline{x^2} - \underline{6x} + 6 = \\ x^3 + 4x^2 + x^2 - 3x - 6x + 8 + 6 = x^3 + 5x^2 - 9x + 14 \end{array}$$

ΠΟΤΕ ΔΥΟ ΠΟΛΥΩΝΥΜΑ ΕΙΝΑΙ ΙΣΑ;

- ΔΥΟ ΠΟΛΥΩΝΥΜΑ ΕΙΝΑΙ ΙΣΑ ΟΤΑΝ ΕΧΟΥΝ

*ΙΔΙΟ ΒΑΘΜΟ

*ΑΝΤΙΣΤΟΙΧΟΙ ΣΥΝΤΕΛΕΣΤΕΣ (οι συντελεστές των όμοιων μονωνύμων) ΕΙΝΑΙ ΙΣΟΙ
ΕΝΑΣ ΠΡΟΣ ΕΝΑ.

$$P(x) = \underline{1}x^3 - \underline{5}x^2 + \underline{6}x - \underline{2}$$

$$Q(x) = \underline{a}x^3 + \underline{b}x^2 + \underline{\gamma}x + \underline{\delta}$$

Ισχύει ότι $P(x) = Q(x)$ μόνο αν

$$a = 1$$

$$b = -5$$

$$\gamma = 6$$

$$\delta = -2$$

Να βρείτε τους συντελεστές του $Q(x)$

ώστε $P(x) = Q(x)$

$$P(x) = \underline{1}x^3 + \underline{5}x - \underline{2}$$

$$Q(x) = a\underline{x^4} + \underline{b}x^3 + \gamma x^2 + \delta x + \epsilon$$

$$a = 0$$

$$b = 2$$

$$\gamma = 0$$

$$\delta = 5$$

$$\epsilon = -2$$