

Απειροστικός Λογισμός I

English (en) ▼

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[υπολογισμοί ολοκληρωμάτων](#) [Preview](#)

Question 1 Ποιο από τα παρακάτω είναι το άθροισμα

Not complete

Marked out of 1.00

Flag question

Edit question

$$\sum_{k=1}^5 3k$$

Select one:

- 3+4+5
- 3+6+9+12+15
- 3+6+9+12+15+18+...
- 3+4+5+6+7

Check

Question 2 Ποιο από τα παρακάτω είναι το άθροισμα

Not complete

Marked out of 1.00

Flag question

Edit question

$$\sum_{k=2}^4 2^k$$

Select one:

- $2^2 + 2^3 + 2^4$
- $2^2 + 2^4$
- $2^2 + 3^3 + 4^4$
- $2^1 + 2^2 + 2^3 + 2^4$

Check

Question 3 Ποιο από τα παρακάτω ισούται με το άθροισμα

Not complete

Marked out of 1.00

Flag question

Edit question

$$\frac{1}{4} \sum_{m=1}^4 x_m$$

Select one:

- $x_1 + \frac{1}{2}x_2 + \frac{1}{3}x_3 + \frac{1}{4}x_4$
- $\frac{1}{4}x_1 + x_2 + x_3 + x_4$
- $\frac{1}{4}x_1 + \frac{1}{4}x_2 + \frac{1}{4}x_3 + \frac{1}{4}x_4$
- $\frac{1}{4}(1 + 2 + 3 + 4)$

Check

QUIZ NAVIGATION

1 2 3 4 5 6 7 8
9 10 11 12 13 14 15

Finish attempt ...

Start a new preview

NAVIGATION

Home

My home

Site pages

My profile

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Απειροστικός Λογισμός I

Participants

Reports

General

24 September - 30 September

1 October - 7 October

8 October - 14 October

15 October - 21 October

22 October - 28 October

29 October - 4 November

5 November - 11 November

12 November - 18 November

19 November - 25 November

19/11/12: Ημερολόγιο μαθήματος (Μ. Κολουντζάκης)

21/11/12: Ημερολόγιο μαθήματος (Μ. Κολουντζάκης)

Πίνακας ολοκληρωμάτων

...δείγματα εφαρμογής ολοκλήρωσης κατά μέρη (Αγγλικά)

...ς να βγάλετε μερικά εκατομμύρια ως μαθηματικοί ---

Question 4

Not complete

Marked out of 1.00

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Edit question

Ποιο από τα παρακάτω είναι το άθροισμα

$$\sum_{j=4}^n \frac{j}{j+1};$$

Select one:

- $\frac{4}{5} + \frac{5}{6} + \frac{6}{7} + \dots + \frac{n+4}{n+5}$
- $\frac{4}{5} + \frac{5}{6} + \frac{6}{7} + \dots + \frac{n}{n+1}$
- $\frac{1}{2} + \frac{3}{4} + \frac{5}{6} + \dots + \frac{n}{n+1}$
- $\frac{1}{2} + \frac{2}{3} + \frac{3}{4} + \dots + \frac{n}{n+1}$

Check

Question 5

Not complete

Marked out of 1.00

Flag question

Edit question

Ποιο από τα παρακάτω είναι το άθροισμα

$$\sum_{j=3}^7 3^{j-1};$$

Select one:

- $3^2 + 3^3 + 3^4 + 3^5 + 3^6 + 3^7$
- $3^3 + 3^4 + 3^5 + 3^6$
- $3^2 + 3^3 + 3^4 + 3^5 + 3^6$
- $3^3 + 3^4 + 3^5 + 3^6 + 3^7$

Check

Question 6

Not complete

Marked out of 1.00

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Edit question

Av $\int_a^b f(x) dx = -2$ και $\int_a^b g(x) dx = 5$ τότε

$$\int_a^b 3f(x) + 2g(x) dx =$$

Answer:

Check

Question 7

Not complete

Marked out of 1.00

Flag question

Edit question

Av

- $\int_{-8}^3 f(x) dx = 5$
- $\int_{-1}^7 f(x) dx = -2$
- $\int_{-8}^7 f(x) dx = 10$

τότε $\int_{-1}^3 f(x) dx =$

Answer:

Check

Ολοήμερο Εργαστήριο
Προβλημάτων: 7ο φυλλάδιο

Για το ερώτημα 3.2 του 7
φυλλαδίου για το ΟΕΠ

Video: Το εμβαδό κάτω από
την 1/x

...Συμβολισμός
αθροισμάτων, υπολογισμοί
ολοκληρωμάτων

Info

Results

26 November - 2 December

3 December - 9 December

10 December - 16 December

17 December - 23 December

24 December - 30 December

31 December - 6 January

7 January - 13 January

14 January - 20 January

21 January - 27 January

28 January - 3 February

4 February - 10 February

SETTINGS



Quiz administration

- Edit settings
- Group overrides
- User overrides
- Edit quiz
- Preview
 - Locally assigned roles
 - Permissions
 - Check permissions
 - Filters
 - Logs
 - Backup
 - Restore
- Question bank

Course administration

Switch role to...

My profile settings

Site administration

Search

ADD A BLOCK

Question 8

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_2^3 (e^x)^2 dx =$$

Answer:

Check

Add... ▼

Question 9

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_0^1 \sin^2 x dx =$$

Answer:

Check

Question 10

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_0^1 \sin^3 x dx =$$

Answer:

Check

Question 11

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_0^1 x e^x dx =$$

Answer:

Check

Question 12

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_0^1 x^2 e^x dx =$$

Answer:

Check

Question 13

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_1^2 x \log x dx =$$

Answer:

Check

Question 14

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_1^2 x \log^2 x dx =$$

Answer:

Check

Question 15

Not complete

Marked out of 1.00

Flag question

Edit question

$$\int_2^3 \frac{dx}{1-x^2} dx =$$

Answer:

Check

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Απειροστικός Λογισμός Ι