

Prueba01

1. preg01

MULTI

1.0 point

0.10 penalty

Single

Shuffle

Dada la transformación lineal

$$T: \mathbb{R}^2 \longrightarrow \mathbb{R}^2$$
$$x \longmapsto (2x_1, x_1 + x_2).$$

El vector que pertenece al núcleo de T es: $\arcsen(x)$

- a) $(1, -1)$
- b) $(2, -2)$
- c) $(0, 1)$
- d) $(0, 0)$ (100 %)

2. preg02

MULTI

1.0 point

0.10 penalty

Single

Shuffle

Dada la matriz

$$A = \begin{pmatrix} 1 & 3 \\ 5 & 7 \end{pmatrix}.$$

El determinante de A es:

- a) 5
- b) -8 (100 %)
- c) 3
- d) 0

3. myquestion

NUMERICAL

1.0 point

0.10 penalty

Approximate value of $\sqrt{2}$?

- $1.4142 \pm 1e-1$ ✓
- $7.0711e-1.01$ (20 %)
- * (0 %)

→ *twicethis!*
→ *Wrong!*

4. myquestion

NUMERICAL

1.0 point

0.10 penalty

Approximate value of $\sqrt{2}$?

- $1.4142.01$ ✓

Total of marks: 4