

Sistemi impliciti

Periodo 2 - UdA 1

Risolvere i seguenti sistemi:

$$[1] \begin{cases} 2x - 5y = 0 \\ x + 2y + 9 = 0 \end{cases}$$

$$[2] \begin{cases} -5x - 2y - 1 = 0 \\ -x - y - 2 = 0 \end{cases}$$

$$[3] \begin{cases} 5x - y + 9 = 0 \\ 3x + y - 1 = 0 \end{cases}$$

$$[4] \begin{cases} -x + 3y + 15 = 0 \\ -2x + y + 15 = 0 \end{cases}$$

$$[5] \begin{cases} -x + y + 3 = 0 \\ -3x + y + 3 = 0 \end{cases}$$

$$[6] \begin{cases} 3x + 4y + 6 = 0 \\ -2x + y - 4 = 0 \end{cases}$$

$$[7] \begin{cases} -3x - 2y + 12 = 0 \\ -2x - y + 7 = 0 \end{cases}$$

$$[8] \begin{cases} -2x + y - 1 = 0 \\ 4x + y = 0 \end{cases}$$

$$[9] \begin{cases} -5x + 3y + 2 = 0 \\ -x - y - 2 = 0 \end{cases}$$

$$[10] \begin{cases} 5x - y + 2 = 0 \\ x + 3y - 2 = 0 \end{cases}$$

$$[11] \begin{cases} x + y + 1 = 0 \\ 4x - y + 3 = 0 \end{cases}$$

$$[12] \begin{cases} 3x - 5y = 0 \\ 3x - y - 2 = 0 \end{cases}$$

$$[13] \begin{cases} 5x - 6y + 6 = 0 \\ x - 3y + 2 = 0 \end{cases}$$

$$[14] \begin{cases} -3x - 2y - 2 = 0 \\ -9x + y - 6 = 0 \end{cases}$$

$$[15] \begin{cases} 2x - 6y - 11 = 0 \\ x + 4y + 5 = 0 \end{cases}$$

SOLUZIONI

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[1]

$(-5; -2)$

[2]

$(1; -3)$

[3]

$(-1; 4)$

[4]

$(6; -3)$

[5]

$(0; -3)$

[6]

$(-2; 0)$

[7]

$(2; 3)$

[8]

$\left(-\frac{1}{6}; \frac{2}{3}\right)$

[9]

$\left(-\frac{1}{2}; -\frac{3}{2}\right)$

[10]

$\left(-\frac{1}{4}; \frac{3}{4}\right)$

[11]

$\left(-\frac{4}{5}; -\frac{1}{5}\right)$

[12]

$\left(\frac{5}{6}; \frac{1}{2}\right)$

[13]

$\left(-\frac{2}{3}; \frac{4}{9}\right)$

[14]

$\left(-\frac{2}{3}; 0\right)$

[15]

$\left(1; -\frac{3}{2}\right)$