Sistemi determination det imp. ax+by=c ax+by=c'

$$\begin{array}{c} x + y = 3 \\ x + y = 2 \end{array}$$

$$\begin{cases} X + y = 1 \\ 2x + 2y = 2 \end{cases} \times + y = 1$$

$$2x + 2y = 2$$

5=4

$$\frac{1}{2} = \frac{b}{a} = \frac{c}{c}$$

$$\frac{5}{a} = \frac{R}{R}$$

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$$\frac{5}{a} = \frac{R}{R}$$

$$\frac{1}{2} = \frac{1}{2} + \frac{1}{2}$$

Aeterminato

$$D_{x} = 3(=)cb' - c'b = 3$$
 $cb' = c'b = 3$
 $c' = b'$

Metodo de réduzione

$$3 \int 2x + y = 5 \qquad |6x + 3y = 15$$

$$-2 \int 3x - y = 10 \qquad |-6x + 2y = -20$$

$$\int 6x + 3y = 15$$

 $-6x + 2y = -20$

$$59 = -5$$
 $3 = -1$

Sistem leural

$$\begin{cases} a \times + 3ay = 1 \\ x + 2y = -2 \end{cases}$$

$$D_{x} = \begin{vmatrix} 1 & 3e \\ -2 & 2 \end{vmatrix} = 2 + 6e$$

$$y = \begin{vmatrix} a & 1 \\ 1 & -2 \end{vmatrix} = -2a - 1$$

Se D to, croe Se - a to, ouverno Se a to, il sisteme à detorme e la solutione à data de

$$x = \frac{1}{x} = \frac{2+6a}{-a} = -\frac{2+6a}{a}$$

$$y = \frac{1}{x} = \frac{2a-1}{-a} = \frac{2a+1}{a}$$

$$y = \frac{1}{x} = \frac{2a-1}{a} = \frac{2a-1}{a}$$

$$|(\alpha+1) \times -\alpha y = \alpha$$

$$|(\alpha+1) \times -\alpha y = 0$$

$$|(\alpha+$$

$$\exists y = \begin{vmatrix} a+1 & a \\ a & 0 \end{vmatrix} = -a^2$$

Se $D \pm 0$, cioè se $a(7a+1) \pm 0$, ouvero se $a \pm 0$ n $a \pm -\frac{1}{2}$, 84 he:

$$X = \frac{\alpha^2}{\alpha(2a+1)} = \frac{\alpha}{2a+1}$$

$$Y = \frac{-\alpha}{\beta(2a+1)} = -\frac{\alpha}{2a+1}$$

Se
$$a = 0$$
 81 he:
 $D = 0$ $D \times = 0$ $D = 0$
 $S = 1R$
 $S = 1R$