PAG. 98 N 487
$$\begin{cases} y^2 - 2x^2 + xy - 4x - 5y + 6 = 0 \\ 2x + 3y = 4 \implies 2x = 4 - 3y \end{cases}$$

$$\begin{cases} y^2 - 2\left(\frac{4 - 3y}{2}\right)^2 + \frac{4 - 3y}{2} + \frac{4 - 3y}{2} - \frac{4 - 3y}{2} - \frac{4y - 3y^2}{2} \right) = 0$$

$$x = \frac{4 - 3y}{2}$$

$$y^2 - 2 \cdot \frac{16 + 9y^2 - 24y}{4} + \frac{4y - 3y^2}{2} - 8 + 6y - 5y + 6 = 0$$

$$\frac{29^{2}-16-99^{2}+249+49-39^{2}-4+29}{2}=0$$

$$2y^{2}-16-9y^{2}+24y+4y-3y^{2}-4+2y=0$$

$$-10y^{2}+30y-20=0$$

$$y^{2}-3y+2=0 \quad (y-2)(y-1)=0$$

$$X = \frac{4-3y}{2}$$

$$y = 2 \quad y = 1$$

$$\begin{cases} x = \frac{4-3}{2} = \frac{1}{2} \\ y = 1 \end{cases}$$

$$\begin{cases} x = \frac{4-3\cdot 2}{2} = -1 \\ y = 2 \end{cases}$$

$$\begin{cases} (\frac{1}{2},1) \quad y \quad (-1,2) \end{cases}$$

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$$x+y=1$$

$$\begin{cases} (1-4)y = -2 \\ x = 1-y \end{cases} \begin{cases} y - y^2 + 2 = 0 \\ - - - - \end{cases}$$

$$-y^2 + y + 2 = 0 \implies y^2 - y - 2 = 0$$

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

PAG. 101 N 531

$$\begin{cases} 4x^{2} + 4y^{2} = 101 \\ 2x + 2y = 11 \end{cases} \begin{cases} 4x^{2} + 4\left(\frac{11-2x}{2}\right)^{2} - 101 = 0 \\ 2y = 11 - 2x = 0 \end{cases}$$

$$4x^{2}+4.\frac{121+4x^{2}-44x}{4}-101=0$$

$$4x^{2} + 121 + 4x^{2} - 44x - 101 = 0$$

$$8x^2 - 44x + 20 = 0$$

$$x = \frac{11 \pm 9}{4} = <\frac{1}{5}$$

$$x = \frac{41 \pm 9}{4} = \begin{cases} \frac{1}{2} \\ 5 \end{cases} \begin{cases} x = \frac{4}{2} \\ y = 5 \end{cases}$$

$$(1.5) \cdot (5.1)$$

PA4. 100 N 513

$$\begin{cases} 4x-y=6 & \text{C.E. } x+y\neq 0 \\ \frac{2}{x+y} + \frac{1}{x-y} = \frac{x^2}{x^2-y^2} & \text{x-}y\neq 0 \\ (x-y)(x+y) & \text{X} \neq y \\ (x-y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x-y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x-y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x-y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x-y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x-2)=0 & \text{Symptotical } x\neq \pm y \\ (x+y)(x-2)=0 & \text{Symptotical } x\neq \pm y \\ (x+y)(x-2)=0 & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x-y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{Symptotical } x\neq \pm y \\ (x+y)(x+y)(x+y) = \frac{x^2}{(x+y)(x+y)} & \text{S$$