

Rette, Coniche e altre curve notevoli

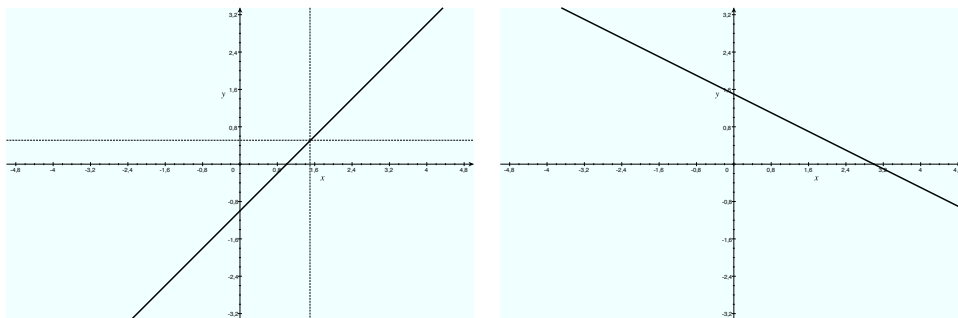


Figura 1: Le rette di equazione $y - x = -1$ e $x + 2y = 3$

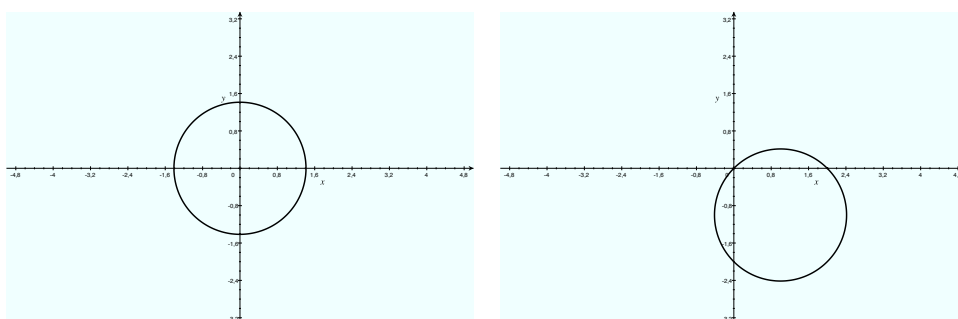


Figura 2: Le circonferenze di equazione $x^2 + y^2 = 1$ e $(x - 1)^2 + (y + 1)^2 = 1$

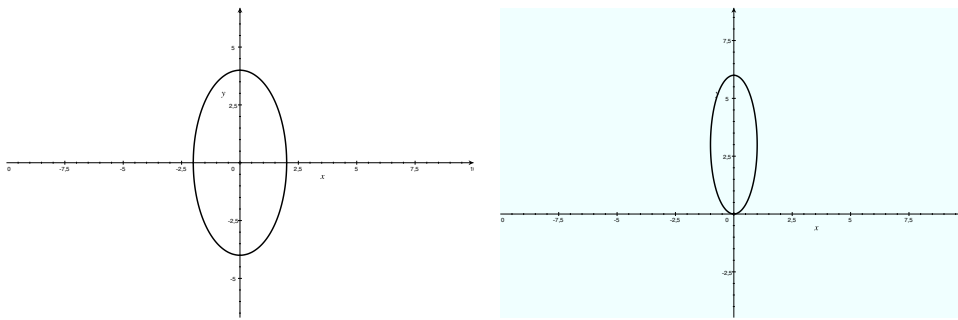


Figura 3: Le ellissi di equazione $(\frac{x}{a})^2 + (\frac{y}{b}) = 1$ e $(\frac{x}{a})^2 + (\frac{y-3}{b}) = 1$, $0 < a < b$

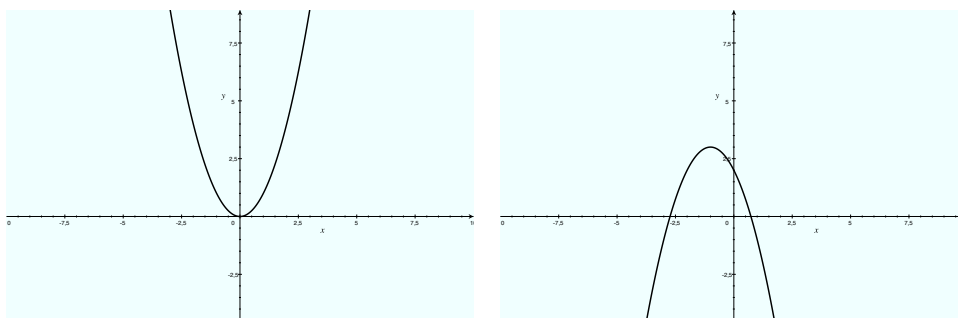


Figura 4: Le parabole di equazione $y = x^2$ e $y = -(x + 1)^2 + 3$

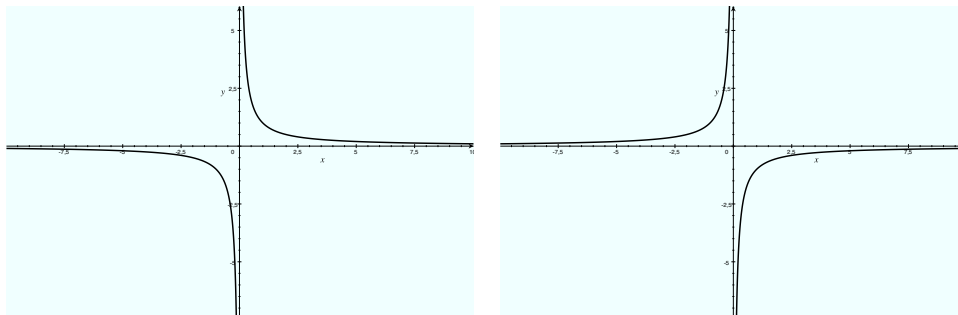


Figura 5: Le iperboli di equazione $xy = 1$ e $xy = -1$

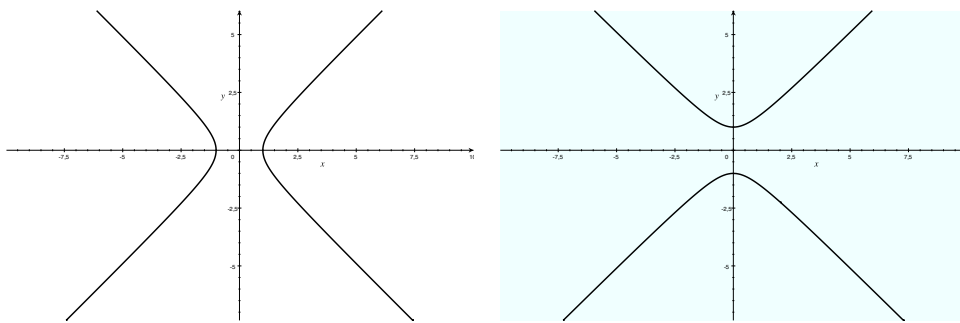


Figura 6: Le iperboli di equazione $x^2 - y^2 = 1$ e $y^2 - x^2 = 1$

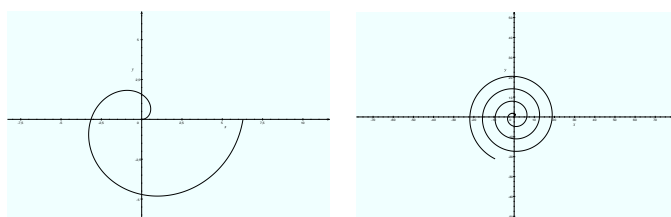


Figura 7: Le spirali di equazione $\rho = \theta$ e $\rho = e^\theta$

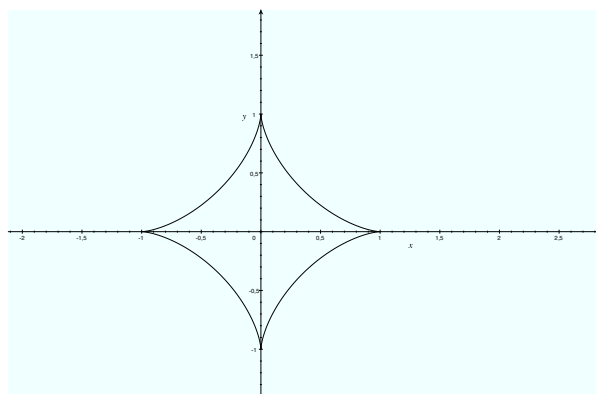


Figura 8: L'asteroide di equazione $x^{2/3} + y^{2/3} = 1$

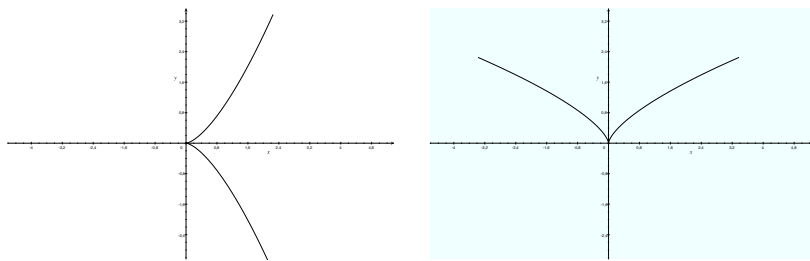


Figura 9: Le cissoidi di equazione $y^2 = x^3$ e $y^3 = x^2$