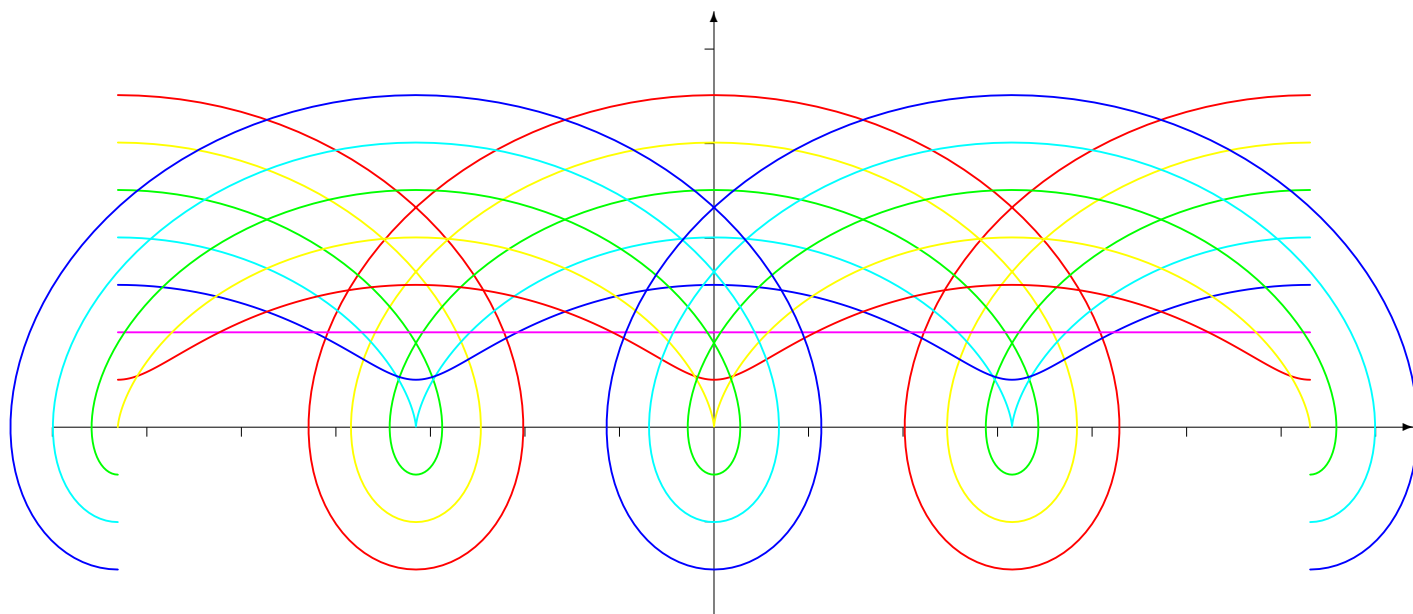
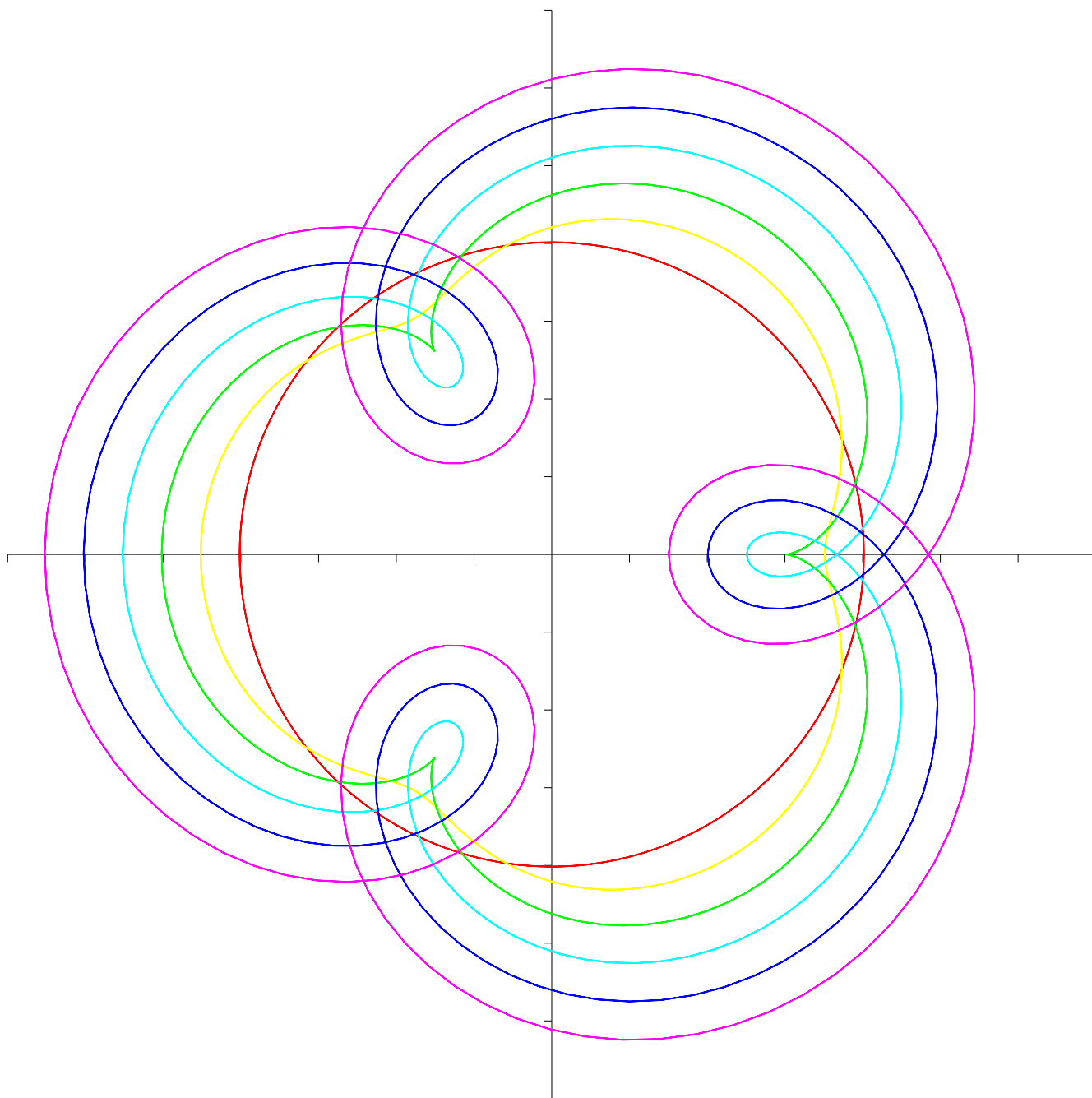


I. Trochoids



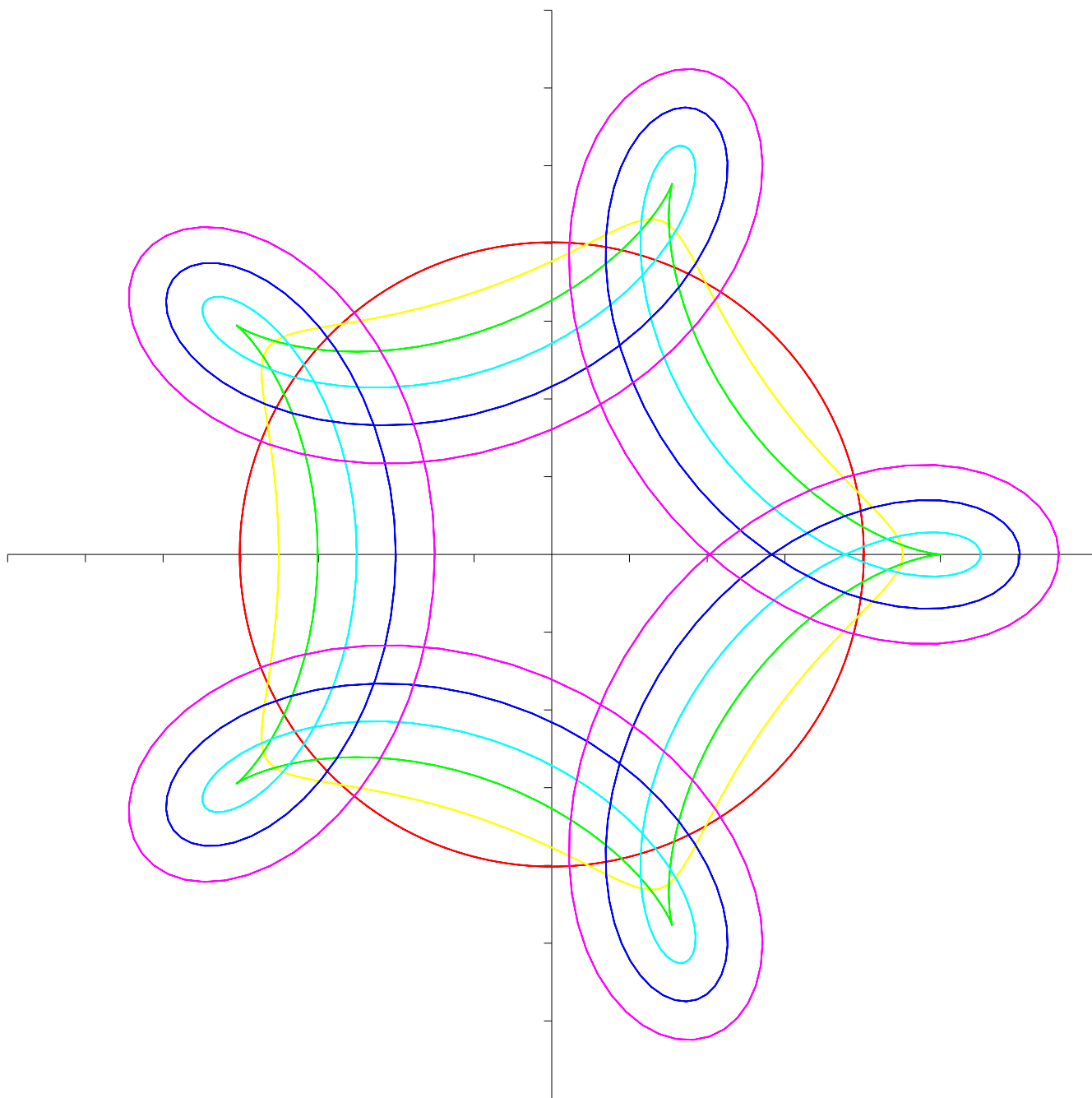
$$x(t) = a \cdot t - b \sin(t) \quad y(t) = a - b \cos(t)$$

II. Epitrochoids



$$x(t) = a \cos(t) - b \cos(a/2 \cdot t) \quad y(t) = a \sin(t) - b \sin(a/2 \cdot t)$$

III. Hypotrochoids



$$x(t) = a \cos(t) + b \cos(a/2 \cdot t) \quad y(t) = a \sin(t) - b \sin(a/2 \cdot t)$$