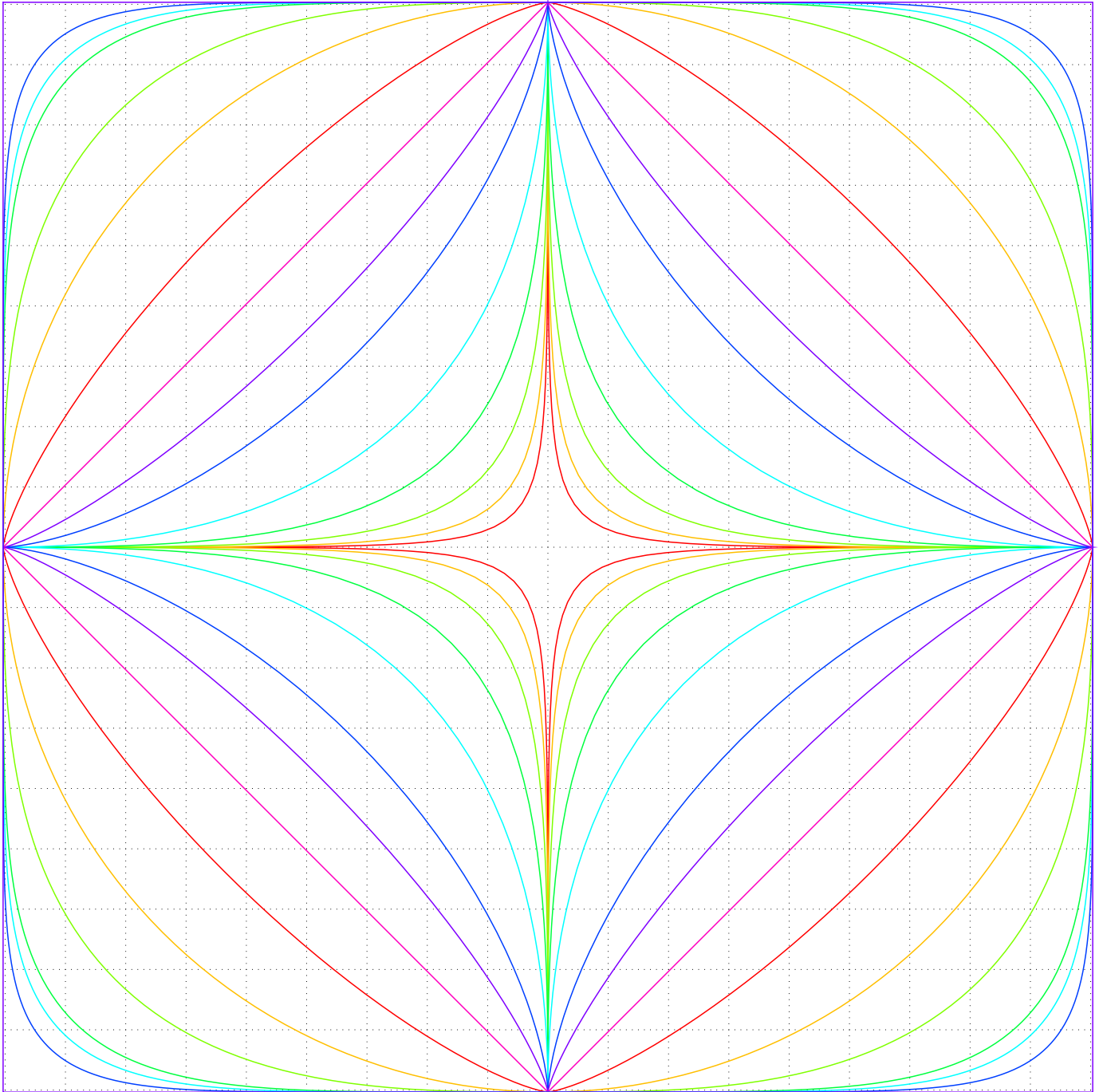


The Superellipse



$$x(t) = a \cdot \text{sig}(\cos(t)) \cdot |\cos(t)|^n \quad x(t) = b \cdot \text{sig}(\sin(t)) \cdot |\sin(t)|^n$$