Canonical map

Legend:
- $\theta_0 = 1.5 : p_0 = 0.2 : k = 0.1$
- $\theta_0 = 1.5 : p_0 = 0.2 : k = 1.0$
- $\theta_0 = 1.5 : p_0 = 0.2 : k = 1.7$
- $\theta_0 = 1.5 : p_0 = 0.2 : k = 1.99694994$

Axes: θ (horizontal, marked at $\frac{1}{2}\pi$, π, $\frac{3}{2}\pi$), p_θ (vertical)