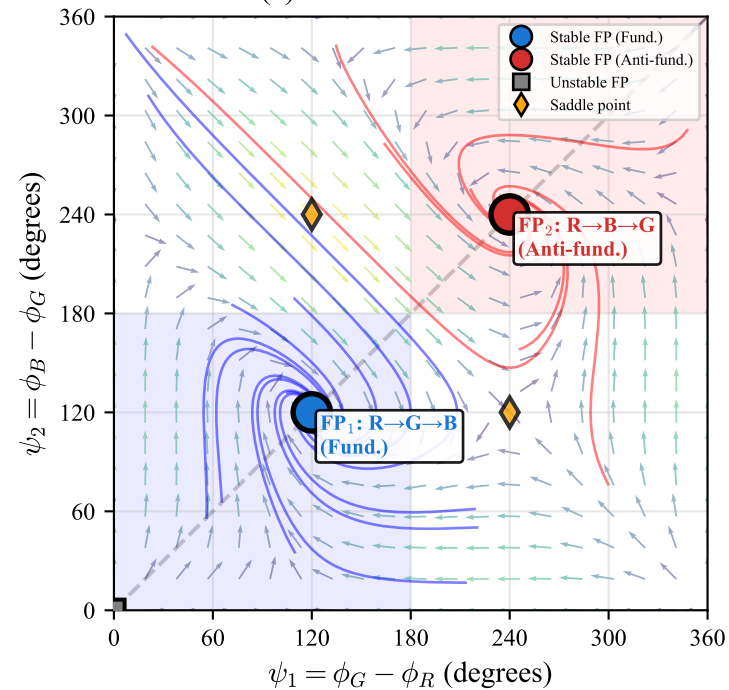


(a) Phase Portrait on \mathbb{T}^2 

(b) Entropy Increase

