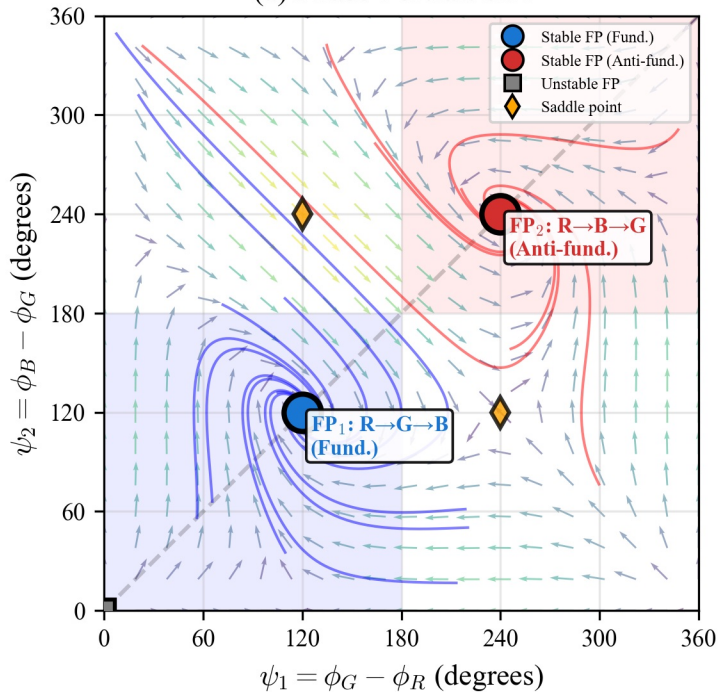


(a) Phase Portrait on  $\mathbb{T}^2$ 

(b) Entropy Increase

