[thm]Remark [][] ε

1 [][]

- ² Spatial segregation limit of competition systems and free
- 3 boundary problems
- ⁴ Jian Yang¹ and Bendong Lou²
- ¹University of Jinan
- ²Shanghai Normal University
- ⁷ July 25, 2020

8 Abstract

- 9 We consider a PDE/ODE system for two pairs of competing species and study the spatial segregation limit as the interspecific
- competition rate tends to infinity. We show that the limiting problem is a one-phase Stefan problem for nonlinear diffusion
- 1 equations.

2 Hosted file

- 3 YL24MMAS.pdf available at https://authorea.com/users/346096/articles/472194-spatial-
- 4 segregation-limit-of-competition-systems-and-free-boundary-problems