## Blow-up phenomena in a class of coupled reaction-diffusion system with nonlocal boundary conditions

Huimin Tian<sup>1</sup>, Lingling Zhang<sup>1</sup>, and Xin Wang<sup>1</sup>

<sup>1</sup>Taiyuan University of Technology

September 4, 2020

## Abstract

The paper deals with blow-up phenomena for the following coupled reaction-diffusion system with nonlocal boundary conditions:  $\begin{equation*} \left(\frac{1}{\sqrt{1}}\right) & u_t = \lambda_0 \cdot \frac{1}{\sqrt{1}} \cdot$ 

## Hosted file

\begin{CJK}{UTF8}{gbsn}.\end{CJK}\selectlanguage{english}pdf available at https://authorea.com/users/356177/articles/479149-blow-up-phenomena-in-a-class-of-coupled-reaction-diffusion-system-with-nonlocal-boundary-conditions