

## The convergence analysis of a 2D Keller-Segel-Navier-Stokes system with fast signal diffusion

报告人: 向昭银 教授(电子科技大学)

报告时间: 2020年11月30日上午11:00-12:00

腾讯会议 ID: 706 619 494

链接入会: https://meeting.tencent.com/s/luoRZXLxT90L

报告摘要: In this talk, we consider the convergence of the fully parabolic-parabolic-fluid (PP-fluid) system to the corresponding parabolic-elliptic-fluid (PE-fluid) system as \$\ep\rightarrow0\$ in a bounded

domain  $\Omega_{R}^2$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth boundary. Under the natural volume filling hypothesis  $S(x,\neq k) = \frac{r_{ep}^2}{(1+nep)^{\alpha}}$  with smooth system as  $S(x,\neq k) = \frac{r_{ep}^2$ 

## 报告人简介:

向昭银,电子科技大学数学科学学院教授、博士生导师、副院长,2006年博士毕业于四川大学,主要从事偏微分方程的研究;在CVPDE、IMRN、JFA、Math Z、M3AS等期刊上发表学术论文 60 余篇;主持国家自然科学基金、中国博士后科学基金、教育部留学回国人员科研启动基金等.

r the rotating solution. This is a joint work with Dr Min Li and Professor Guanyu Zhou.

欢迎各位老师和同学参加!

西北大学数学学院 2020年11月25日