



YONSEI

Math-CSE Colloquium

A dissipative effect on some PDEs with physical singularity

김찬우

Wisconsin-Madison

In this lecture, we study various dissipative effect in a phase space from either entropy dissipation or boundary. We see how this effect leads mathematical studies on long time behavior and scale-uniform estimate of kinetic PDEs in gas/plasma dynamics and solar atmosphere models.

2022. 04. 21. (목) 17:00

주최 : 4단계 BK21 수리과학 및 계산 교육연구단 (연세대학교 수학과산학부)

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