

Partial Differential Equations Seminar

Title

Propagation of chaos in a two cancer cell phenotypes dynamics

Speaker

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Affiliation

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Date Aug. 31st, 11:00 ~ 13:00

Location Zoom 강연

Abstract

In this talk we introduce a two population cancer model focused on a nonlocal cell to cell adhesion on multidimensional bounded domain. We briefly review the well-posedness of the system in the first part. In the second part we show a simplified version of the model can be seen as the mean field limit of a stochastic particle system.



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