



Karlstad Applied Analysis Seminar (2022)

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On a nonlocal parabolic problem arising in replicator dynamics.

Abstract

In this seminar I will present the derivation of a non-local problem related in the context of Game Theory, and in particular in games where the players follow a replicating strategy.

Also, the dynamics of the related nonlocal parabolic problem will be discussed as well as possible improvements of the presented mathematical model.