



Department of Mathematics Seminar

Machine learning, Dynamics and Modularity: A reaction network approach

By

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Abstract: Reaction networks are ubiquitous in nature and can be viewed as tools for performing a wide array of tasks. In this talk, I give a brief overview of how reaction networks can be used to implement neural networks, analyze the dynamics of hypercycle-like networks in the context of the origin of life models and can also be thought of as modules for constructing optimal biological circuits that are modular.

Date: 31 March 2021, Wednesday

Time: 15:30

Place: Zoom

To request the event link, please send a message to gurses@fen.bilkent.edu.tr