Functional Analysis, Mathematical Physics, and Dynamical Systems

(FAMPDS)

Joint American-Ukrainian Virtual Colloquium Series Spring 2022

Talk 1: The New Simplest Proof of Cayley's Formula and ItsConnection to Statistical Mechanics

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Abstract

A new very simple proof of the number of labeled rooted forest-graphs with a given number of vertices is furnished. As a particular case of this formula, we have Cayley's formula. A connection to cluster expansions of statistical mechanics is established.

Friday, February 25, 10:00-11:00 AM (PST), 20:00-21:00 (EEST)

Online via Zoom at <u>https://fresnostate.zoom.us/j/5233106532</u>