BK Special Lecture Series in (Applied) Geometry

Tropical Geometry and Neural Networks

2023년 6월 28일 (수)
과학관 254호

Introduction to Tropical Geometry (2pm)

Hyunbin Kim

We briefly review some basic definitions and theorems in classical tropical geometry. We also take a look at how tropical geometry plays a role in other fields of geometry.

Integral RELU Neural Networks and Tropical Geometry (3pm)

Eric Dolores Cuenca

In this talk we will give a friendly introduction to neural networks. In particular the audience is not required to know how to code. Our goal is to understand the connection between tropical geometry and neural networks discovered in 2018 by L. Zhang, G. Naitzat and L. Lim.