SEMINARIO DE GEOMETRÍA ALGEBRAICA

Jueves 26 de abril de 2007, 13:00, Seminario 238

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Impartirá la conferencia

Extended Tropical Mathematics

Summary: Tropical mathematics are defined over the *tropical semiring*,

$$(\mathbb{R}, max, +),$$

the real numbers equipped with the operations of maximum and summation - replacing addition and multiplication respectively. The objective of the lecture is to present an overview of the fundamentals of tropical algebra/geometry defined over the extended tropical semiring - a new structure that generalizes the former structure. The included topics will be: basic structure of the extended tropical semiring, its corresponding convex geometry and the compatible matrix algebra.