

PSEUDO-CAUCHY SEQUENCES AND INCREASING FAMILIES OF VALUATIONS

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In this talk, we will write a parametrization of the space of valuations over a polynomial ring $K[x]$ using pseudo-Cauchy sequences and families of valuations. These sequences are classical objects in Valuation Theory. In order to achieve this parametrization, we will study the supremum of an increasing family of valuations.

Trabajo en conjunto con Josnei Antonio Novacoski (Instituto De Ciências Matemáticas e de Computação-Universidade de São Paulo).