

Pontificia Universidad Católica del Perú
Escuela de Posgrado & Sección Matemáticas



Seminario de Matemática

Analytic continuation of multivariable Dirichlet series

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Abstract: We will present various analytical tools to study the holomorphic (or meromorphic) continuation of multivariate Dirichlet series, especially powerful for polyhedral domains of extension. These tools will be applied to several examples from combinatorics and number theory, in particular the determination of the maximal domain of meromorphic continuation for Dirichlet series representable as Euler products. Joint work with Oswaldo Velásquez Castañón.

Fecha: Jueves 07 de noviembre de 2024

Hora: 14:00 - 15:00 horas

Lugar: Auditorio de Matemáticas.