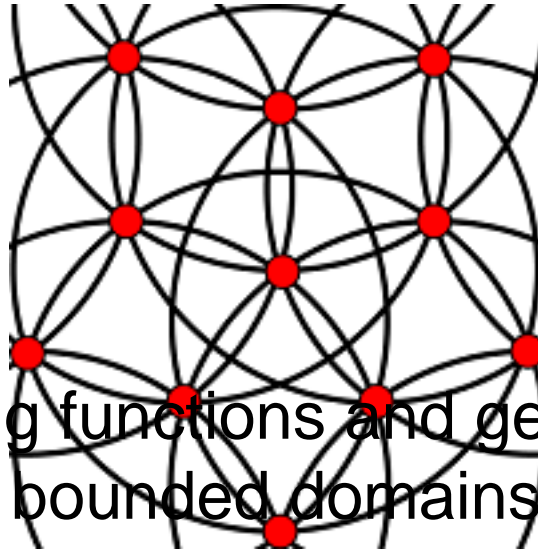


CSASC 2013



Contribution ID : 9

Squeezing functions and geometry of bounded domains

Content :

Squeezing functions are certain holomorphic invariant of bounded domains. Roughly speaking, the value $s_D(z)$ of the squeezing function of a bounded domain D at a point $z \in D$ reflects how does D look like the unit ball, observed at the point z . In this talk, I'll give an introduction to squeezing functions, with emphasis on their boundary estimates, and the relations to geometric and analytic properties of bounded domains. I'll also briefly discuss some potential applications to algebraic geometry and some other related topics that ask for further study.

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Session classification : --not yet classified--

Track classification : Several Complex Variables

Type : Oral presentation