İSTANBUL ANALYSIS SEMINARS

SEPARATELY ANALYTIC FUNCTIONS OVER THE LAST CENTURY

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Abstract: After a short discussion of separately continuous function (as a kind of a prologue) the lecture will focus on separately analytic functions. We start with the important results by Osgood and Hartogs and then follow the historical developments on how separately analytic functions were studied. We end up with the discussion on so-called cross-domains. We will also mention how singularities behave under holomorphic extension of separately analytic functions from such cross-domains. Our main intention is to give a survey on what is going on in this area of research.

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Time: 15:40
Place: Sabancı University, Karaköy Communication Center
Bankalar Caddesi 2, Karaköy 34420, İstanbul