ODTU-Bilkent Algebraic Geometry

Singular curves and their theta functions

By

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Abstract: Riemann's theta function becomes polynomial when the underlying curve degenerates to a singular curve. We will give a classification of such curves accompanied by historical remarks on the topic. We will touch on relations of such theta functions with solutions of the Kadomtsev-Petviashvili hierarchy if time permits.

Date: Friday, March 24, 2023
Time: 15:40 (GMT+3)
Place: Zoom

To request the event link, please send a message to sertoz@bilkent.edu.tr