



John Abou-Rached paper accepted in Journal of the European Mathematical Society

Details

John Abou-Rached (Robert Riley Visiting Assistant Professor) has had a paper accepted in the Journal of the European Mathematical Society (JEMS), one of the leading journals in mathematics.

The paper, “The boundary of a totally geodesic subvariety of moduli space,” is joint work with Frederik Benirschke (University of Chicago) and Benjamin Dozier (Cornell University).

The paper studies moduli spaces, which parametrize the possible shapes of surfaces. The authors prove that certain geometrically special subsets — called totally geodesic subvarieties — retain their special properties even at the boundary of moduli space, where surfaces degenerate.

arXiv preprint

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