Lecture Series

Memorial Conference for the founders of index theory: Atiyah, Bott, Hirzebruch and Singer

April 6, 2021

Edward Witten
Institute for Advanced Study

“Isadore Singer’s Work on Analytic Torsion”

I will review two famous papers of Ray and Singer on analytic torsion written approximately half a century ago. Then I will sketch the influence of analytic torsion in a variety of areas including anomalies, topological field theory, and string theory.

Talk chair: Cumrun Vafa

This lecture will be held virtually. Click here to register

cmsa.fas.harvard.edu/literature-lecture-series/