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**Leonid Friedlander\*** ([friedlan@math.arizona.edu](mailto:friedlan@math.arizona.edu)), Department of Mathematics, University of Arizona, Tucson, AZ 85721. *The determinant of the Schrödinger operator on a metric graph.*

I will present a formula for computing the determinant of the Schrödinger operator on a compact metric graph. This formula is especially simple in the case of the Laplacian. (Received September 15, 2005)