

1012-34-119

Leonid Friedlander* (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)