JÓZEF DODZIUK

PUBLICATIONS


20. Lower bounds for $\lambda_1$ on a finite volume hyperbolic manifold (with B. Randol), J. Differential Geometry, 24 (1986), 133–139.


25. Laplacian on Graphs – Spectral and Function Theory (with L. Karp),

26. Small eigenvalues of the Laplacian on negatively curved manifolds
(with P. Buser and B. Colbois), in Differential Geometry, R. Greene
and S. T. Yau, eds., Proceedings of Symposia in Pure Mathematics

27. Tubes and eigenvalues for negatively curved manifolds (with P. Buser

28. The spectrum of degenerating hyperbolic manifolds of three dimensions

29. Riemannian Metrics with Large $\lambda_1$ (with B. Colbois), Proc. Amer.

30. Nonexistence of universal upper bounds for the first positive
eigenvalue of the Laplace-Beltrami operator, in Proceedings of the
1993 Joint Summer Research Conference on Spectral Geometry,

31. The spectrum of the Hodge Laplacian for a degenerating family of
hyperbolic three manifolds (with J. McGowan), Trans. Amer. Math.

32. La trace du noyau de la chaleur des variétés hyperboliques de
dimension 3, Séminaire de théorie spectrale et géométrie,

33. A $C^\infty$ Spline Construction (with P. Blass, T. J. Ford, J. Kolibal),

34. Continuity of Spectra of Hodge-de Rham Laplacian (with G. Baker),

35. On the geometry and spectral asymptotics of degenerating hyperbolic
manifolds (with Jay Jorgenson), in “Extremal Riemann Surfaces”,

36. Approximating $L^2$ invariants of amenable covering spaces: A heat
kernel approach (with Varghese Mathai), in “Lipa’s Legacy”,


