

**Seminar on spectral theory and geometry, 1986-1987. (Séminaire de théorie spectrale et géométrie. Année 1986-1987.)** (French) [\[Zbl 0825.00040\]](#)

Séminaire de Théorie Spectrale et Géométrie, Chambéry-Grenoble. 5. Chambéry: Univ. de Savoie, Fac. des Sciences, Service de Math. St. Martin d'Hères: Univ. de Grenoble I, Inst. Fourier, 181 p. (1987).

The articles of this volume will be reviewed individually.

Indexed articles:

*Colin de Verdière, Yves*, How can points be distributed uniformly over a sphere (following Lubotzky, Phillips and Sarnak), 9-18 [[Zbl 0900.11034](#)]

*Courtois, Gilles*, Can you hear the wholes of a drum?, 19-24 [[Zbl 1002.58513](#)]

*Anné, Colette*, Introduction aux travaux de Fukaya., 25-31 [[Zbl 1149.53310](#)]

*Guillopé, Laurent*, Billards rationnels et espaces de Teichmüller., 33-42 [[Zbl 1149.37309](#)]

*Carrière, Yves*, Variations sur les flots riemanniens, 43-55 [[Zbl 0996.37500](#)]

*Voros, André*, Semi-classical analysis of the Selberg trace formula (first appearance), 57-66 [[Zbl 0900.11032](#)]

*Tagmouti, Mohamed Ali*, The finiteness of the number of gaps of the two-dimensional Schrödinger operator, 67-75 [[Zbl 0900.35259](#)]

*Laffaille, Guy*, Determinants of the Laplacians, 77-84 [[Zbl 1002.58518](#)]

*Torki, Nabila*, Perturbations par champs magnétiques faibles sur  $S^2$ ., 85-97 [[Zbl 1149.58308](#)]

*Pelletier, Fernand*, On the Gauss-Bonnet theorem for singular pseudo-metrics, 99-105 [[Zbl 1149.53314](#)]

*Besson, Gérard*, On the multiplicity of the eigenvalues of the Laplacian, 107-132 [[Zbl 1002.58515](#)]

*Gallot, Sylvestre*, Finiteness theorems with integral conditions on curvature., 133-158 [[Zbl 1149.53311](#)]

*Helfffer, Bernard*, On the Schrödinger equation with magnetic field, 159-164 [[Zbl 0900.35260](#)]

*Laffaille, Guy*, Eigenvalues and eigenvectors of a Hecke operator on  $S^2$ , 165-173 [[Zbl 0900.11033](#)]

Reviewer: [Reviewer \(Berlin\)](#)

**MSC:**

**00B15** Collections of articles of miscellaneous specific interest

**35-06** Proceedings, conferences, collections, etc. pertaining to partial differential equations

**53-06** Proceedings, conferences, collections, etc. pertaining to differential geometry

**58-06** Proceedings, conferences, collections, etc. pertaining to global analysis

**Keywords:**

[Séminaire](#); [Théorie spectrale](#); [Géométrie](#)