

## Sumari del volum 53

### Survey

- S. V. Lototsky**, Statistical inference for stochastic parabolic equations: a spectral approach 3

### Articles

- F. Chiacchio**, Estimates for the first eigenfunction of linear eigenvalue problems via Steiner symmetrization 47
- G. Gromadzki**, On fixed points of automorphisms of non-orientable unbordered Klein surfaces 73
- A. Portilla, E. Tourís**, A characterization of Gromov hyperbolicity of surfaces with variable negative curvature 83
- J. Agler, J. E. McCarthy**, Cusp algebras 111
- F. Cedó, J. Okniński**, Faithful linear representations of bands 119
- Ş. Costea**, Besov capacity and Hausdorff measures in metric measure spaces 141
- P. Auscher, Q. X. Yang**, BCR algorithm and the  $T(b)$  Theorem 179
- A. Clop, D. Faraco, J. Mateu, J. Orobitg, X. Zhong**, Beltrami equations with coefficient in the Sobolev space  $W^{1,p}$  197
- O. Blasco**, Operator valued  $BMO$  and commutators 231
- V. Chousionis**, Singular integrals on Sierpinski gaskets 245
- R. Mazurek, M. Ziemkowski**, Duo, Bézout and distributive rings of skew power series 257
- N. Badr, E. Russ**, Interpolation of Sobolev spaces, Littlewood-Paley inequalities and Riesz transforms on graphs 273
- A. El Kacimi, R. Parthasarathy**, Skew-product for group-valued edge labellings of Bratteli diagrams 329
- S. Antontsev, S. Shmarev**, Anisotropic parabolic equations with variable nonlinearity 355
- A. G. O'Farrell, I. Short**, Reversibility in the diffeomorphism group of the real line 401