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Moscovici, Henri

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Teaching:	View Teaching Schedule

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Tu 10:30 - 11:20 am, MW 748
Th 1:30 - 2:20 pm, MW 748
by appointment

Selected Publications

1. "The L2-index theorem for homogeneous spaces of Lie groups" (with A. Connes), Ann.of Math., v. 115 (1982),291-330.
2. "L2-index and the Selberg trace formula" (with D. Barbasch), J. Func. Anal., v. 53 (1983),151-200.
3. "Eta invariants of Dirac operators on locally symmetric manifolds" (with R. J. Stanton), Invent. Math. v. 95 (1989),629-666.
4. "Cyclic cohomology, the Novikov conjecture and hyperbolic groups" (with A. Connes), Topology, v.29 (1990),345-388.
5. "R-torsion and zeta functions for locally symmetric manifolds" (with R. J. Stanton), Invent. Math. v.105 (1991),185-216.
6. "Group cohomology with Lipschitz control and higher signatures" (with A. Connes and M. Gromov), Geom. Func. Anal., v. 3 (1993),1-78.
7. "Localization of topological Pontryagin classes via finite propagation speed" (with F. Wu), Geom. Func. Anal., v. 4 (1994),52-92.
8. "The local index formula in noncommutative geometry" (with A. Connes), Geom. Func. Anal., v. 5 (1995),174--243.
9. "Pontryagin forms for manifolds with framed singular strata" (with F. Wu), Geom. Func. Anal., v. 5 (1995),702--728.
10. "Hopf algebras, cyclic cohomology and the transverse index theorem" (with A. Connes), Comm. Math. Phys., v.198 (1998),199-246.
11. "Modular Hecke algebras and their Hopf symmetry" (with A. Connes), Moscow Math. Journal, v.4 (2004), 67-109.
12. "Rankin-Cohen brackets and the Hopf algebra of transverse geometry" (with A. Connes), Moscow Math. Journal, v.4 (2004), 111-130.
13. "Cyclic cohomology of Hopf algebras of transverse symmetries" (with B. Rangipour), Adv. Math., v.210 (2007), 323-374.
14. "Hopf algebras of primitive Lie pseudogroups and Hopf cyclic cohomology" (with B. Rangipour), Adv. Math., v.220 (2009), 706-790.
15. "Relative pairing in cyclic cohomology and divisor flows" (with M. Lesch and M. Pflaum), J. K-Theory, v.220 (2009), 359-407.

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