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Quantisation on filtered manifolds

Wednesday, November 5, 2025 4:20 PM (45 minutes)

In this talk, we will discuss a natural construction of a pseudo-differential calculus on filtered manifolds with symbols given in terms of the representations of the nilpotentization. In particular, we will see that the sub-calculus corresponding to poly-homogeneous symbols coincides with the calculus obtained from the groupoid approach.

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