Hopf25

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Parallel sessions, Forum F
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14h30-14h55

Differential Calculus on Quantum Principal Bundles over Projective bases

We tackle the theory of reductions of quantum principal bundles over projective bases. We show how the sheaf-theoretic approach can be effectively applied to certain relevant examples such as the Klein model for the projective spaces. In particular, we study a quantum principal bundle corresponding classically to the projection of an algebraic group onto its quotient by the maximal parabolic subgroup.