Hopf25

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Bimodule connection for relative Hopf module over irreducible quantum flag manifolds

In 2020, in the paper Holomorphic Relative Hopf Modules over Irreducible Quantum Flag Manifolds, the authors showed that there exists a left-covariant connection for relative Hopf modules over irreducible quantum flag manifolds. In this talk, we shall extend this result and show that for every relative Hopf module over irreducible quantum flag manifolds, every left-covariant connection is a bimodule connection.