Abstract

Clifford Algebras XV: Examples of Spin Groups

In low dimensions, the two-fold covering of the special orthogonal group by the spin group reduces to well-known situations that can also be constructed by other means. In particular, the special orthogonal group of three-dimensional space is covered by the special unitary group of 2×2 matrices, which is isomorphic to the corresponding spin group. In the talk, we continue our analysis of such examples.