

## On Generalization of Martinelli-Bochner Integral Formula Using Clifford Analysis

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**Abstract.** In this paper, we mainly study the so-called isotonic Dirac system over the unbounded domains in Euclidean space of even dimension. In such systems different Dirac operators appear from the left and from the right on the functions considered. We attain the integral representation of isotonic functions satisfying the specific growth condition over the unbounded domains, and show that the classical Martinelli-Bochner integral representation over the unbounded domains for the holomorphic functions of several complex variables and for Hermitean monogenic functions both satisfying the specific growth condition may be derived from it.

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