

Hyperbolic Harmonic Function in Minkowski Space

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Abstract. The paper discusses the properties of four-dimensional Minkowski space by using Clifford algebra, then gives the concept of hyperbolic harmonic function by constructing a system (P_4) in the four-dimensional Minkowski space, and obtains several properties and a sufficient and necessary condition for the solvability of the system (P_4) .

Keywords. Clifford algebra; Minkowski space; hyperbolic harmonic function.

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