

RIEMANN SURFACES AND THEIR PHYSICAL INTERPRETATION

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ABSTRACT

Riemannian spaces are presented in the article as logical structures reflecting physical reality. Presented the modeling of the process of electrification of the Earth as a theory of analytic functions on the Riemann surface in the interpretation of Helmholtz-Monastyrsky, as well as modeling of the Bose-Einstein condensate using the zeta function in as interpreted by Prof. Grant N. Remmen.

KEYWORDS: *Riemanns Space, Analytical Functions, Dzet Function, Condensate Bose Einstein, Electrification*