

On a quarter-symmetric generalized metric connection in a generalized Riemannian manifold

MIROSLAV D. MAKSIMOVIĆ

*Department of Mathematics, Faculty of Sciences and Mathematics
University of Priština in Kosovska Mitrovica, Kosovska Mitrovica, Serbia*

`miroslav.maksimovic@pr.ac.rs`

In this talk, we will discuss the generalized Riemannian manifold and introduce a quarter-symmetric connection that preserves the generalized Riemannian metric. We will also observe a quarter-symmetric connection with a special condition and recurrent torsion tensor and examine the properties of linearly independent curvature tensors of generalized Riemannian manifold.