



## INTISARI

# TENTANG GEOMETRI MONOPOL GRAVITOMAGNETIK DALAM GRAVITASI TELEPARALEL

Oleh

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Telah dilakukan telaah teoretis tentang geometri bagi monopol gravitomagnetik dalam Gravitasi Teleparalel. Agar mendapatkan perumusan tersebut diperlukan Gravitasi Teleparalel yang disajikan dalam geometri Cartan yang tereduksi. Geometri Cartan berkaitan erat dengan untingan serat utama dan geometri Klein.

**Kata-kata kunci** : Gravitasi Teleparalel, Geometri Cartan, Teori Tera, Monopol Gravitomagnetik.



## ABSTRACT

### ON THE GEOMETRY OF GRAVITOMAGNETIC MONOPOLE IN TELEPARALLEL GRAVITY

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Geometry for gravitomagnetic monopole in Teleparallel Gravity has been studied theoretically. Reduced Cartan geometry is needed to obtain the geometric formulation of the gravitomagnetic monopole. Cartan geometry is strongly related with principal fiber bundle and Klein geometry.

**Kata-kata kunci** : Teleparallel Gravity, Cartan Geometry, Gauge Theory, Gravitomagnetic Monopole.