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On Bianchi Type Cosmological Models in Lyra's Geometry

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Abstract: Bianchi type cosmological models have been studied on the basis of Lyra's geometry. Exact solution has been obtained by considering a time dependent displacement field for constant deceleration parameter and varying cosmological term of the universe. The physical behavior of the different models has been examined for different cases.

 $\textbf{Keywords:} \ \textbf{B} \textbf{i} \textbf{a} \textbf{model}, \textbf{variable gravitational coupling, cosmological constant term, Lyra's model}$

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