

Turkish Journal of Physics

Turkish Journal

of


Physics

Five Dimensional Anisotropic Homogeneous Cosmological Models in Second Self Creation Theory of Gravitation

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 [Keywords](#)
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Abstract: Five dimensional homogeneous anisotropic cosmological models in Barber's second self creation theory are constructed when the gravitational field is generated by a perfect fluid. Under the power law dependence of the scale factors, the perfect fluid models degenerate Zeldovich fluid models. The physical and geometrical features of these models are discussed.

Key Words: Five dimensions, self creation theory, anisotropic spacetime



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Turk. J. Phys., **31**, (2007), 299-306.

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