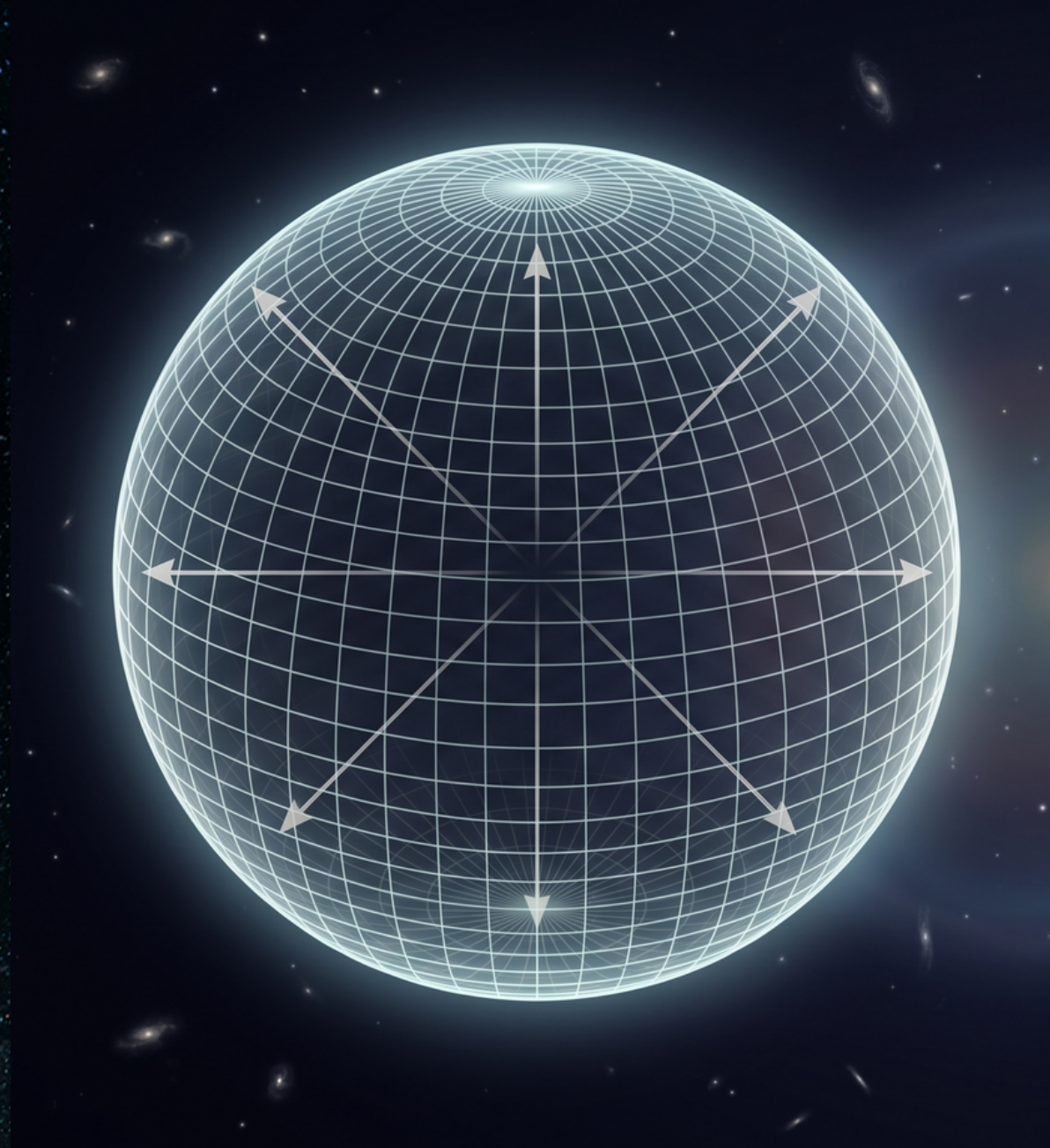


Dynamical Systems in Bianchi Cosmology

Jaturaporn Watanakampolkij

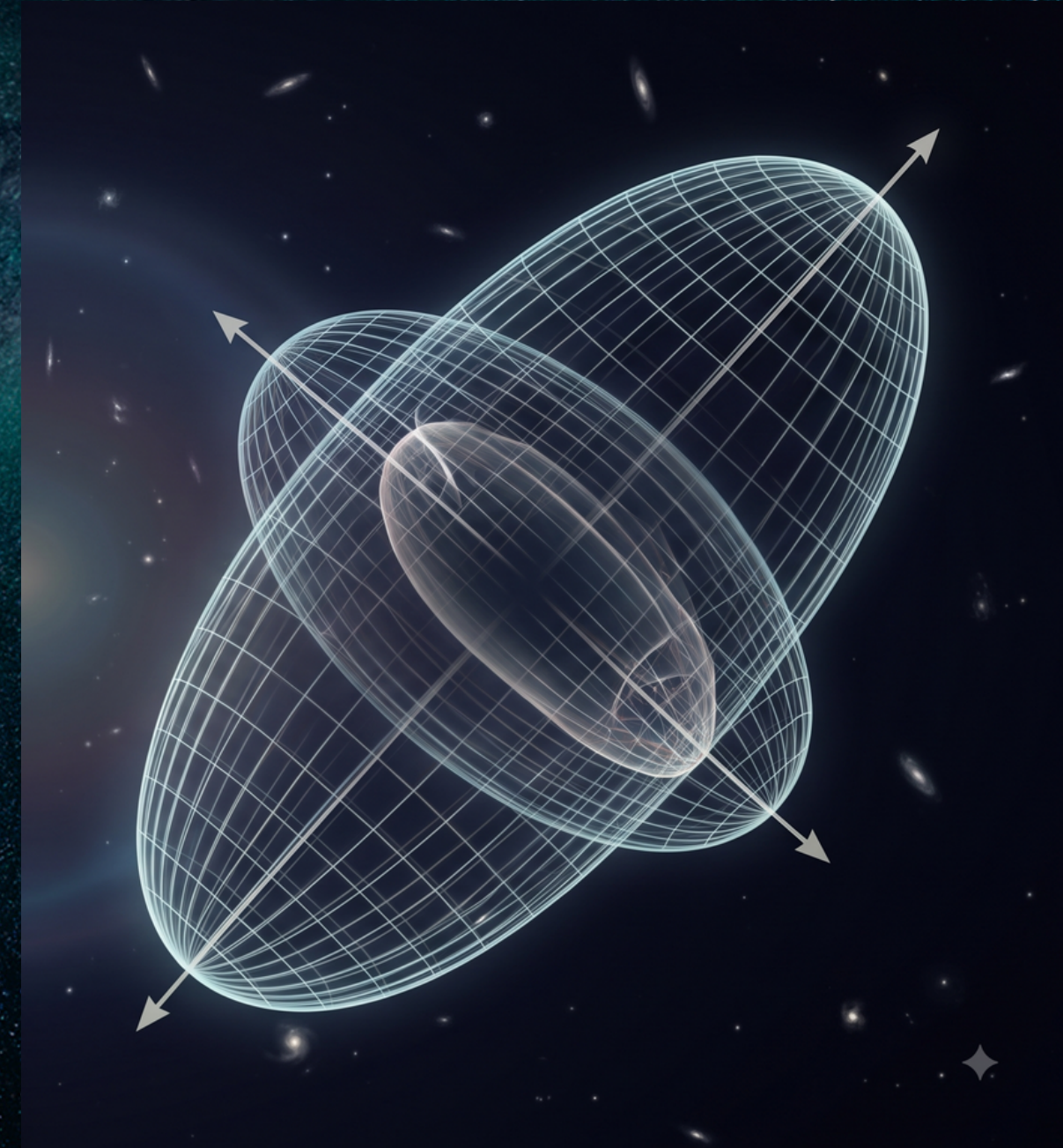
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FLRW Metric (Isotropic Expansion)



$$ds^2 = -dt^2 + a^2(t) \left(\frac{dr^2}{1 - kr^2} + r^2 d\Omega^2 \right)$$

Bianchi Type-IX Metric (Anisotropic Expansion)



$$ds^2 = -dt^2 + a_1^2(t)(\omega^1)^2 + a_2^2(t)(\omega^2)^2 + a_3^2(t)(\omega^3)^2$$

Dynamical analysis of Bianchi type-IX cosmology with a scalar field mediated dark sector interaction

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Still working...



Regular Article - Theoretical Physics

Kaluza–Klein inspired a model of the inflation with the inverse power law potential in Bianchi type-I universe

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