

## **Dr. Soumya Chakraborty**

1. A dynamical system analysis of non-interacting cold dark matter and dark energy at perturbative level  
Soumya Chakraborty , Sudip Mishra , Subenoy Chakraborty

DOI: 10.1142/S0217732324501451 , 10.1142/s0217732324501451

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2. A dynamical system analysis of bouncing cosmology with spatial curvature

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DOI: 10.1007/s10714-024-03265-1

Published in: Gen.Rel.Grav. 56 (2024) 7, 83

3. Dynamical system analysis of quintessence dark energy model

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e-Print: 2406.10692 [gr-qc]

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4. Dynamical system analysis of self-interacting three-form field cosmological model: stability and bifurcation

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5. A study of interacting scalar field model from the perspective of the dynamical systems theory

Goutam Mandal , Soumya Chakraborty , Sudip Mishra , Sujay Kr. Biswas

e-Print: 2101.04496 [gr-qc]

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6. A dynamical system analysis of cosmic evolution with coupled phantom dark energy with dark matter

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7. Dynamical system analysis of three-form field dark energy model with baryonic matter

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