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Interacting dark energy model in the brane scenario: a dynamical system analysis. (English)

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MSC:

- 83F05 Relativistic cosmology
- 83E30 String and superstring theories in gravitational theory
- 81S30 Phase-space methods including Wigner distributions, etc. applied to problems in quantum mechanics
- 83E05 Geometrodynamics and the holographic principle
- 83C20 Classes of solutions; algebraically special solutions, metrics with symmetries for problems in general relativity and gravitational theory
- 83C55 Macroscopic interaction of the gravitational field with matter (hydrodynamics, etc.)
- 76Y05 Quantum hydrodynamics and relativistic hydrodynamics
- 76E20 Stability and instability of geophysical and astrophysical flows

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brane world cosmology; dark energy; interaction; dynamical system; phase space; stability

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