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Scalar field dark energy reconstruction from the SNe Ia data

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I report the results of the scalar field dark energy reconstruction from the SNe Ia data. In our reconstruction we do not use any ansatz for the dark energy, which makes our procedure quite generic. We describe the reconstruction procedure and test it with mock data. After this, we apply it to real SNe data. Our results suggest that the current SNe Ia data is of insufficient quality for the scalar field dark energy to be reliably reconstructed.

Type of contribution

Talk

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