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## Fixing cosmological constant on the event horizon

Thursday 8 December 2022 14:00 (20 minutes)

Standard cosmological equations are written for the Hubble volume, while the real boundary of space-time is the event horizon. Within the thermodynamic approach to gravity, the dark energy term in cosmological equations appears as an integration constant, which we fix at the event horizon and obtain the observed value for the cosmological constant.

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