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Sinopsis

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This volume contains the proceedings of the Potential Theory and Stochastics Conference, which was held in Albac, Romania, from September 4 to 8, 2007. It is also intended as a memorial volume for Aurel Cornea. Besides a presentation of the life and work of Aurel Cornea, it includes twenty refereed papers of the participants, covering the main topics of the conference: geometric aspects in potential theory, Dirichlet structures and stochastic analysis, potential theoretical methods for the analysis of infinite dimensional processes, stochastic partial differential equations, non-linear partial differential equations and potential theory.

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