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Comparison results for quasilinear equations in annular domains and applications. (English)

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The author studies the generalized Dirichlet problem for quasilinear elliptic and parabolic equation in the case when losses of boundary conditions can actually occur, and proves for such problems comparison results between semicontinuous viscosity sub- and super-solutions in annular domains.

Reviewer: Jiaqi Mo (Wuhu)

MSC:

- [35B05](#) Oscillation, zeros of solutions, mean value theorems, etc. in context of PDEs
- [35K60](#) Nonlinear initial, boundary and initial-boundary value problems for linear parabolic equations
- [35J65](#) Nonlinear boundary value problems for linear elliptic equations

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Keywords:

generalized Dirichlet problem; sub- and super-solutions

Full Text: [DOI](#)

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