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A singular nonlinear elliptic boundary value problem. (Chinese. English summary)

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Summary: A singular nonlinear elliptic boundary value problem, which is very important in applied science and pure theory is discussed by the method of perturbation, sub- and super-solution.

MSC:

35J60 Nonlinear elliptic equations
35B20 Perturbations in context of PDEs

Keywords:

sub-solution; super-solution