

**Wei, Zhongli****Positive solutions to singular boundary value problems for Emden-Fowler equations with negative exponent.** (Chinese. English summary) [Zbl 1027.34024](#)*Acta Math. Sin.* 41, No. 3, 655-662 (1998).

Summary: The author investigates the existence of positive solutions to singular boundary value problems for Emden-Fowler equations with negative exponent. A necessary and sufficient condition for the existence of  $C[0, 1]$  positive solutions as well as  $C^1[0, 1]$  positive solutions is given by means of lower and upper solutions and fixed-point theorems.

**MSC:****34B18** Positive solutions to nonlinear boundary value problems for ordinary differential equationsCited in **17** Documents**34B16** Singular nonlinear boundary value problems for ordinary differential equations**Keywords:**

existence; positive solutions; singular boundary value problems; Emden-Fowler equations