

**عنوان مقاله:**

mountain pass solutions to equation of  $p(x)$ -Laplacian type

**محل انتشار:**

کنفرانس بین المللی مدل سازی غیر خطی و بهینه سازی (سال: 1391)

تعداد صفحات اصل مقاله: 7

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**خلاصه مقاله:**

in this work we consider the nonlinear boundary value problem with nonlinear boundary condition where  $\Omega$  is a bounded smooth domain of  $\mathbb{R}^N$  with smooth boundary  $\partial\Omega$ .  $\Delta_p$  is the so-called  $p(x)$ -laplacian operator and  $f$  and  $g$  are Carathéodory functions by a direct variational approach and the theory of the variable exponent Sobolev spaces under growth conditions on the reaction terms we establish the existence of positive solution.

**کلمات کلیدی:**

$p(x)$ -laplacian, growth conditions mountain pass lemma

**لینک ثابت مقاله در پایگاه سیویلیکا:**

<https://civilica.com/doc/187942>

