Existence of multiple positive solutions for singular p-q-Laplacian problems with critical nonlinearities

Wang Jiayu¹ and Wei Han²

¹North University of China ²North University of China - South Campus

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Abstract

In this article, we consider the following p-q-Laplacian system with singular and critical nonlinearity \begin{equation*} \left \{ \begin{array}{llll} -\Delta_{p}u-\Delta_{q}u=\frac{h_{1}(x)}{u^{r}}+\lambda\frac{\alpha}{\alpha}+\beta u^{\alpha}}u^{\alpha}_{1}v^{\alpha}_

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