

New existence results for functionals with  
adjustability quasiconvexity and their  
applications in eigenvector problem and fixed  
point theory

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**Abstract**

In this talk, we establish new minimization theorems of functionals with adjustability quasiconvexity in the setting of normed linear spaces. As applications, we obtain new fixed point theorems and new existence theorems for root-finding problem and eigenvector problem.