عنوان مقاله:

On Solving Flexible Linear Programming with Random Coefficients

محل انتشار:

یازدهمین کنفرانس بین المللی انجمن ایرانی تحقیق در عملیات (سال: 1397)

تعداد صفحات اصل مقاله: 5

نویسندگان:

S. H. Nasseri - *Department of Mathematics, University of Mazandaran*

S Bavandi - *Department of Mathematics, University of Mazandaran*

خلاصه مقاله:

The topic of the present paper is a specific type of research in optimization under hybrid uncertainty. In this research, we present a new approach for solving linear programming problems with stochastic parameters with flexible constraints. In addition, we consider a range of situation in which random factors and fuzzy information co-occur in an optimization setting. Related hybrid optimization model are discussed and converted into deterministic term through appropriate tools like probabilistic set, uncertain probability, and fuzzy random variable, making good use of uncertainty principles. Numerical examples carried the efficiency of the presented approach

کلمات کلیدی:

Fuzzy Linear Programming, Stochastic linear programming, flexible constraints