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VISUALISATIONS OF VECTOR FUNCTIONS ON CONVEX SETS

The aim of our article is to present the visualization of vector functions determined on convex sets and examples of their application in multicriteria programming. Arguments of considered vector functions are the elements of convex sets determined by sets of linear inequalities. The dynamic presentation of the influence of vector functions' parameters and coefficients of linear inequalities on the image of function is presented. GeoGebra 4 is a computer tool used for the dynamic presentation.