

## Functional Synthesis of Mechanism Using Geometrical Transformation

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### ABSTRACT

*This paper presents an analytical method for synthesis of mechanisms, based on the geometrical transformations which start from formulations of absolute or weighted deviation. The steps to be followed in synthesis of a four-bar mechanism, based on the determination of the minimum value of average standard deviation between imposed and approximate path, are revealed.*

*Keywords:* synthesis of mechanisms, geometrical transformations

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