

INVARIANCY OF VECTOR MODELS IN MODELLING TOOTH GEARINGS

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Bases of a method of mathematical modelling are resulted, statement of a problem of necessity of modelling tooth pumps is made, the analysis of possible construction of the vector model describing a surface of a tooth, the variant of construction of vector models with use of "intermediate" arguments of model is chosen. The given research proves a technique of modelling of tooth gearings on the basis of a method of mathematical modelling the vector closed contours and shows the some advantages of similar modelling.

Vector, contour, model, modules, tooth gearings, tooth, tooth pumps, invariancy

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