

## Elaboration of calculation model for precessional gearing

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The paper presents the CAD (Autodesk Inventor) modelling and CAE simulation of precessional drives capable of high transmission ratio and torque for one stage compact construction. The simulations of the drives provide information concerning forces, torques and energies, as well as contact forces between gear teeth and satellite teeth. Also, there is presented the analysis of the results concerning the design optimization of the planetary precessional transmission.