

## CLASS 6

### Mechanical Engineering - Metallurgy

6.1.

**Title**

**Nontraditional technology of small gear wheels fabrication**

**Authors**

Bostan Ion, Ionescu Florin, Dulgheru Valeriu, Dicusară Ion, Bodnariuc Ion, Cozma Ion

**Institution**

**Technical University of Moldova**

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**Description**

The inventions refers to the domain of precessional transmissions and technology of its fabrication. To fabricate small and very small toothed wheels with convex-concave profile a practically new theory was elaborated using a tool which performs precessional motion. In connection with this a special device was elaborated based on nontraditional technology of fabrication by electroerosion with solid or filiform electrode.