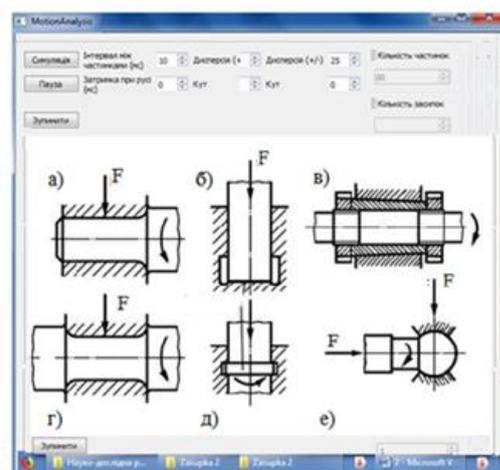
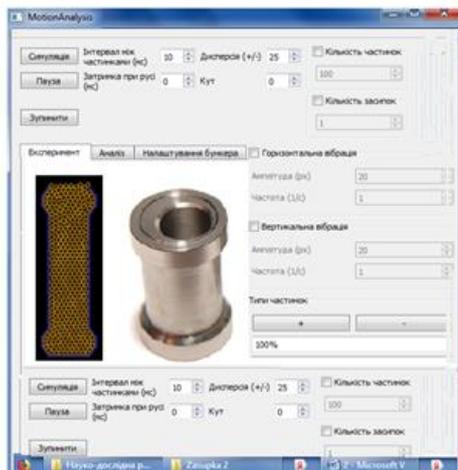




Course: Machine building

1. **Name of innovative development:** Perfection of technology of making of hob, what use as slidewaies
2. **Purpose and scope:** Perfection of technology making of hob, that use as slidewaies reliability will allow to get in high-speed occasions, to perceive more considerable shock and oscillation loading, and also assume adjusting of gap and provide the exact setting of geometrical axis of billow.
3. **The main characteristics, the essence of development:** Development shows a soba a technological process making of hob, that use as slidewaies. An aim is arrived at by that on results calculations optimized the variant of composition of charge, that provided the increase of coefficient of by volume permeability of lubricating liquid on 3%.
4. **Comparison with the world analogues, the main advantages of development:** It should be noted that lubricating liquid not diminishes the coefficient of friction, promotes wearproofness and high-resistivity to fragile destruction at the action of the shock loading but also amortizes dynamic pushes, taking of foods of wear promotes, and also increases heat emission, that satisfied the technical requirements of exploitation fully.
5. **The State of Intellectual property protection:** 3 patents of Ukraine and 1 certificate on a copyright by the computer program.
6. **Demand on the market:** It follows notices, that the worked out technology can be used in lifting-transport machines, agricultural complexes, metal-cutting machine tools, toothed reducing gears and many other mechanisms. It follows marks also, that the offered technology allows co-operating with mechanisms, at what frictions it takes place at skidding of constrained surfaces.
7. **Condition of development readiness:** Laboratory standards are made and also high temperature experience tests are conducted, the expected descriptions are confirmed.
8. **Color illustrations, photo development:**



9. **Coordinators for communication:**
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