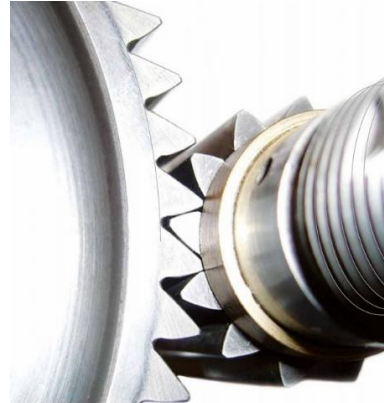


Asymmetric Gear Design

Presenter –
Dr. Alex Kapelevich
AKGears, LLC



1. Introduction
 2. Brief History of Asymmetric Gearing
 3. Definition of Direct Gear Design
 4. Macrogeometry of Asymmetric Gears
 5. Area of Existence of Asymmetric Gears
 6. Asymmetric Gearing Limits
 7. Asymmetric Tooth Geometry Optimization
 8. Rating of Asymmetric Gears
 9. Direct Gear Design Software Demonstration
 10. Asymmetric Gear Fabrication Technologies and Tooling
 11. Measurement Asymmetric Tooth Gears
 12. Analytical and Experimental Comparison of Symmetric and Asymmetric Tooth Gears
 13. Implementation of Asymmetric Tooth Gears
- Questions and Answers