

MISES - Software for Design and Analysis of Turbomachinery Blading

Technology #6570

Technology

MISES is software to aid in the design and analysis of turbomachinery blading. Its main focus is the analysis and redesign of blade airfoils operating over a wide range of Mach and Reynold numbers. It comprises a collection of programs for cascade analysis and design. It includes programs for grid generation and initialization, flow analysis, plotting and interpretation of results, and an interactive program to specify design conditions. It features a multiple blade Interacting Streamtube Euler Solver - capable of modeling subsonic to supersonic flows including transition and separation.

Ready to Sign License Available

Please visit our Ready to Sign instructions [page](#) to learn how to request a license. The two types of licenses available for MISES and their respective costs include the following (please click on either type below to download the license as a fillable PDF):

- [Commercial License](#) (\$10,000)
- [License to Academic Institution*](#) (Research and Educational purpose) (\$0)
**Authorized signatories for Academic Institutions must be faculty*

Contact the [TLO](#) to request a Government Contractor or Agency license.

Questions? Contact the software-licenses@mit.edu.

Categories For This Invention:

[Software \(Copyright\)](#)
[End Use Software](#)

Inventors:

Mark Drela

External Links:

MISES Technical Information
<http://web.mit.edu/drela/Public/web/mises/>

Image Gallery:

