

# TUGLABWEB

The toolbox TUGlab (Transferable Utility Games laboratory) is a Matlab set of scripts that could serve as a helpful complement to the books and other materials used in introductory courses on cooperative game theory. Its main goal is to emphasize the geometrical aspects of cooperative game theory. TUGlab offers to both the instructor and the student a tool to compute and visualize basic concepts for any given 3 or 4 persons TU game. It allows the user to experiment at will with games without worrying about the mathematical complexity of the computations. That is the power of this platform: its direct and flexible way of going to the heart of the concepts overcoming the mathematical complexity.

## Features...

- ➔ Compute and visualize basic concepts for any given 3 or 4 people TU game.
- ➔ Play topic Games with the extended Game Library.
- ➔ Store and handle your own results as member of the web.
- ➔ Consult all documentation about functions and procedures included.
- ➔ Update the functionality with the Administrator Tool.

## About...

TUGlabWEB is easy to use and intuitive. It helps to you to understand and play with theoretical concepts of an amazing Operative Research area. Designed for students and investigators. Developed using XAMPP platform (Apache, Php, MySQL), also JavaScript (JQuery) and M scripting (for Matlab functionality). All are made by Rubén Pablo Cougil Grande during 2010 for ESEI (Escola Superior de Enxeñería Informatica de Ourense) as a final project.

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Statistical Inference Decisions  
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