

Advanced Cooperative Game Theory (Fall Semester 2014)

Instructor : Ryo Kawasaki (Department of Social Engineering)

Office : W9 building, Room 637, email: kawasaki.r.aa@m.titech.ac.jp

Time of class : Mondays 10:45-12:15

Room : W9-626 (W9 Building, 6th Floor)

Textbook : None. Handouts for each class are available on the OCW-i page for this course.

Office hours : **Fridays 13:20-14:50** or by appointment

TA: TBA

Tentative schedule (as of October 20) :

October 20: Bargaining (1)

October 27: Bargaining (2), TU game

November 6: No class

November 10: Review

November 17: Core and nucleolus

November 26: Nucleolus and Shapley value

December 1: Shapley value

December 8: Market games

December 15: Assignment games (1)

December 22: Assignment games (2)

January 5: NTU games

January 15: Market with indivisible goods

January 19: Matching (1)

January 26: Matching (2)

(Schedule may be subject to change)

Weight distribution: Homework (30%), Final exam (70%)