

Advanced Cooperative Game Theory (4th Quarter 2016)

Instructor : Ryo Kawasaki (Department of Industrial Engineering and Economics)

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Time of class : Mondays/Thursdays 15:05-16:35

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

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

Office hours : By appointment

TA: TBA

Tentative schedule (as of November 24) :

December 1: Bargaining (1)

December 5: Bargaining (2)

December 8: TU Games and the Core (1)

December 12: Core (2)

December 15: Nucleolus (1)

December 19: Nucleolus (2)/ Shapley Value (1)

December 22: Shapley Value (2)

December 26: Extra – Cooperation in Strategic Form Games

January 12: Assignment Games (1)

January 16: Assignment Games (2)

January 19: Matching (1)

January 23: Matching (2)

January 26: Exchange Economy with Indivisible Goods (1)

January 30: Exchange Economy with Indivisible Goods (2)

(Schedule may be subject to change)

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

Late homework assignments without an excuse will be deducted by about 10% of the total grade. Homework assignments may **not** be submitted once they are returned.