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Allocating Indivisible Items in a Fair Manner

Friday, July 14, 2023 2:45 PM (40 minutes)

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Abstract: A set of indivisible goods (a car, a toothbrush, ...) have to be allocated to a set of agent. Each agent has its own preferences over sets of goods. What constitutes a fair allocation? When can we find a fair allocation efficiently? Can we approximate fair allocations?

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