

Test 1 Topics

Voting Methods (60%)

- Voting using preferential ballots
- Four voting methods
- Four fairness criteria
 - Methods satisfying and violating them
- Ranking using extended voting methods
- Breaking ties

Weighted Voting (40%)

- Weighted voting systems: players, weights, and quota
- Quota-weight inequality
- Dictators, veto power, and dummies
- Winning (and losing) coalitions
- Critical players
- Banzhaf Power Index