Equilibrium seeking in games under partial-decision information

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Propositions

accompanying the dissertation

EQUILIBRIUM SEEKING IN GAMES UNDER PARTIAL-DECISION INFORMATION

by

Mattia BIANCHI

1. The lack of a suitable descent lemma is the ultimate challenge in generalized Nash equilibrium seeking under partial-decision information. [This proposition pertains to this dissertation]
2. In Nash equilibrium problems over graphs, time-varying and asymmetric communication raises technical complications, but no fundamental impediment. [This proposition pertains to this dissertation]
3. Implicit methods can dramatically reduce the parallel slowdown: this fact is vastly underestimated in the field of multi-agent computation. [This proposition pertains to this dissertation]
4. The focus on the h-index portrays the current inclination of academia for quantity over quality.
5. Double-blind peer review, which in principle should enhance impartiality, in practice increases the bias in the review process.
6. Virtual reality will revolutionize society as much as the advent of internet did.
7. Conditional driving automation is an excellent expedient to accelerate the transition towards fully autonomous driving, as it limits legal issues for car companies.
8. Incentivizing public transport is a better answer to environmental concerns than the deployment of electric vehicles, but not an economically viable one.
9. Humans can dance better as robots than robots as humans.
10. PhD propositions should undergo a plagiarism check: every proposition on this page could have been copied, including this one.

These propositions are regarded as opposable and defendable, and have been approved as such by the promotors dr. ir. S. Grammatico and prof. dr. ir. B. De Schutter.