



HABILITATION THESIS REVIEWER'S REPORT

Masaryk University

Faculty

Procedure field

Applicant

Applicant's home unit, institution

Habilitation thesis

Reviewer

Reviewer's home unit, institution

Faculty of Economics and Administration
Economics

Ing. Marek Hudík, Ph.D.

University of Economics, Faculty of Business Administration, Prague

Games and Goal-oriented Behavior

doc. Daniel Eckert, Ph.D.

Institute of Public Economics,
University of Graz, Austria

I have the pleasure to report on Marek Hudík's habilitation thesis "Games and Goal-oriented Behavior".

The main contribution of the habilitation thesis is the elaboration of a game-theoretic model inspired by Hayek's notion of equilibrium as the compatibility of plans. For these strategic games with goal-oriented strategies solution concepts are developed. As a standard exercise the relationship of these solution concepts to Nash equilibrium and Pareto efficiency is investigated. Both the exposition and the applications of this model exhibit high scholarly quality which is also evidenced by the recent publication of some core results of the author's model in Theory and Decision, a journal in the highest impact quartile.

While in my likely mainstream biased view this approach only adds to the fringes of the game theoretic literature its scholarly quality is beyond doubt.

Reviewer's question for the habilitation thesis defence:

I would be curious to know why the author does not address in his appendix I the early literature on mechanism design by Leonid Hurwicz which I always thought, maybe mistakenly, to be the first attempt to formalize Hayek's intuitions.

Conclusion

The habilitation thesis entitled "Games and Goal-oriented Behavior" by Marek Hudík **fulfils the** requirements expected of a habilitation thesis in the field of Economics.

Date: 29/09/20

Signature:

