



PROF. DR. ISSOFA MOYOUWOU

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INVITED BY

THEMA LABORATORY THEORETICAL ECONOMICS, MODELLING, AND APPLICATIONS

Prof. Issoufa Moyouwou is currently Professor at the Mathematics Department - Advanced Teachers' Training College of the University of Yaounde, Cameroon.

RESEARCH INTERESTS

- ▶ Collective Choice (Strategy-Proofness of social choice functions)
- ▶ Cooperative Games (voting games, core - Bargaining set , ...)
- ▶ Computational Approach of Voting Phenomena
- ▶ Shapley Value and Connected Values (Axiomatic Properties and Applications).

EDUCATION

- ▶ Ph.D., Applied Mathematics, University of Yaounde I, 2004.
Ph. D. Thesis: Strategy-proof Social Choice Functions without the common knowledge assumption.
- ▶ Master of Sciences (2) (academic), Applied Mathematics, University of Yaounde I, 2000.
- ▶ Master 2 of Sciences (2) (professional), Mathematics and Teachings, ATTC, Yaounde, 1995.

SELECTED PUBLICATIONS

- ▶ A note on the non emptiness of the stability set when individual preferences are weak orders, *Mathematical Social Sciences* 52 (2006): 67-76 (with Nicolas G. Andjiga).
- ▶ Pareto violations of some parliamentary voting rules, *Economic theory* 34 (2008): 331 – 358 (with Mbih B. and Picot J.).
- ▶ Manipulation of Voting Schemes with Restricted Beliefs, *Journal of Mathematical Economics* Vol 44, Issue 11, Pages 1232-1242 (with Andjiga N. G. and Mbih B.).
- ▶ Susceptibility to coalitional strategic sponsoring: The case of parliamentary agendas, *Public Choice* 144 (2010): 133-151 with (Courtin S. and Mbih B.).
- ▶ On the positive association of parliamentary social choice functions, *Social Choice and Welfare* 35 (2010): 107-127 (with Mbih B., Moyouwou I. and Zhao X.).
- ▶ The reinforcement axiom under sequential positional, *Social Choice and Welfare* 35 (2010): 473–500 (with Courtin S., Mbih B. and Senne T.).
- ▶ Generalized Binary Constitutions and the Whole Set of Arrovian Social Welfare Functions, *Annals of Economics and Statistics* 101/102 (2011): 187 – 202 (with Andjiga N. G., and Moulen J.).