

# Review of: "From General Equilibrium to Algorithmic Equilibrium"

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**Potential competing interests:** No potential competing interests to declare.

It has the potential of delivering the intended objective theory characterized by the title of the paper if the author emphasized more on setting examples. Although the objective was to establish a relation from General Equilibrium to Algorithmic Equilibrium, the reverse inductive method is somewhat ambiguous. Moreover, further investigation of the presented concepts classifies most of them within the paradigm of the Systemic Approach, and the relation between Equilibrium and Entropy as a state of equilibrium (specifically partial equilibria of the subsystems where entropy exists in more than one of these subsystems, hence the coexistence of many equilibria, or even in some instances, Chaos itself as a form of equilibrium characterized by the coexistence of equilibria and dis-equilibria).

The attempt to explain the formation and adjustments of accumulative human knowledge through mistakes, whether collective or singular, is somewhat admirable; however, I would suggest that the author investigates the theory and concept of Non-Monotonic Logic to find more suitable grounds for his endeavor.

Finally, the link between the objectives of the paper and the used and explained concepts and terminologies within (The Grand Synthesis of Economics) is very vague and not clear.

There is also an issue with cohesiveness.