

Peer Review

Review of: "Pareto-Nash Allocations Under Incomplete Information: A Model of Stable Optima"

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From a mathematical point of view, the text is unclear and imprecise.

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The variables used are apparently to be indexed by two indices, i (firm) and t (time).

However, this is not observed in the formulas, so there is often a mismatch of dimensions.

Time dynamics are captured by the t (time) index, which is often missing in the formulas.

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The author uses the symbol of a full circle in the formulas.

However, the meaning of this symbol is not explained in the text, and

I have not been able to reconstruct it from the presented calculations.

The symbol is certainly neither the composition of functions nor the scalar product of vectors.

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The author introduces in (3.0.1) an objective function that will be maximized under the condition (3.0.2).

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On the left side of (3.0.1), the index t (time) is missing.

In the formula on the right side of (3.0.1), there are no parentheses, so it is not clear which expressions belong to the sum and which do not.

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In (3.0.2), the index for K is missing.

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Substitution of (3.0.3) into (3.0.1) is not done correctly; in the resulting formula (3.0.3a), the indices i, t are missing for A .

Here on page 6, I stopped reading the text.

Only when this introductory part is clarified will it make sense to continue reading further.

Declarations

Potential competing interests: No potential competing interests to declare.