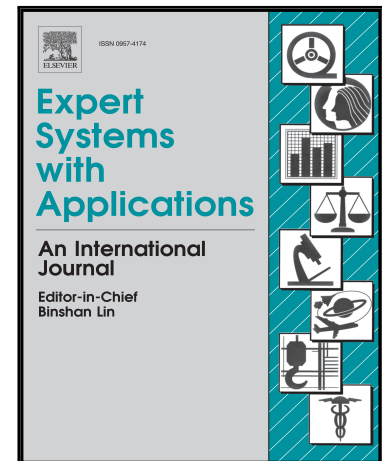


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An evolutionary algorithmic approach to determine the Nash equilibrium in a duopoly with nonlinearities and constraints

Malcolm Brady , Vamsee Krishna Mamanduru ,
Manoj Kumar Tiwari

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Highlights

- The paper presents a novel application of an evolutionary algorithm.
- The paper presents a novel way of determining the Nash equilibrium.
- The approach can be used when analytical or closed-form solutions are not possible.
- It can handle non-linear functions for demand/cost and environmental constraints.
- Results have been validated against solutions obtained analytically.

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