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Global Green Economy and Environmental Sustainability: a Coopetitive Model

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This paper provides a coopetitive model for a global green economy, taking into account the environmental sustainability. In particular, we propose a differentiable coopetitive game G (in the sense recently introduced by D. Carfi ^{i}) to represent a global green economy interaction, among a country c and the rest of the world w . Our game G is a linear parametric (Euclidean) perturbation of the classic Cournot duopoly. In the paper we offer the complete study of the proposed model and in particular a deep examination of its possible coopetitive solutions.

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