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EXPECTATIONS AND STABILITY IN OLIGOPOLY MODELS

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Lecture Notes in Economics and Mathematical Systems

There are analysed in this work the oligopoly models of economist A. C. Cournot from the viewpoint of existence, stability, uniqueness and quasi-competitiveness of the equilibrium.

Thus, in chapters 1—3, a follower-follower model is analysed for which theorems of existence and uniqueness of solution and of overall stability are given.

In chapter 5 leader-follower and leader-leader models for which the solution's existence and stability in case of discrete models are analysed.

In chapters 6 and 7 one studies extrapolative and adaptive expectations into price or quantity adjusting oligopoly models and one investigates the stability of the equilibrium in dynamic oligopoly models.

The study of oligopoly models under uncertainity conditions is shown in chapters 8 and 9.

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