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Title: "A Mean Field Game Model for Educational Choices"

Abstract

This project aims to study school dropout from the perspective of decision-making by a large number of rational agents faced with the choice between pursuing further education or working. To achieve our aim, we adapt a model for economic growth due to Lucas (1988) emphasizing human capital accumulation through schooling. We propose to analyze the model by solving the mean field game limit for the Nash equilibrium, and studying which factors affect the pursuit of education.