Seminario HUBERT MENNICKENT
de Matemática Aplicada

"Creando y difundiendo Matemática y sus Aplicaciones"

Expositor:

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Título de la Charla:

Equilibrium for dynamic network flows

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Resumen:

In the basic dynamic network flow model we are given a network with link travel times and per time unit capacity. Besides the travel time, particles traversing a link experience a queuing delay if the amount of flow exceeds the link capacity. In this talk we will review some recent results concerning the existence, uniqueness, computation, and other fundamental properties of the equilibria in this dynamic network game. Although the model was already present in the works of Ford and Fulkerson, Gale, and Vickrey, until recently little was known from a game theoretic perspective.

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