

Einladung zum Würzburger Mathematischen Kolloquium

Julius-Maximilians-Universität Würzburg • Fakultät für Mathematik und Informatik

Prof. Dr. Nils-Henrik Risebro

Universitetet i Oslo, Norwegen; Giovanni-Prodi-Gastprofessor im diesem Semester

On modeling traffic flow

Mittwoch, 17. Mai 2017 • 16:15 Uhr

Raum SE 40, Mathematik Ost, Emil-Fischer-Str. 40, Campus Hubland-Nord

Inhaltsangabe:

I will present the notorious Braess' paradox in the setting of road traffic, where a seeming improvement to a road network actually impedes the traffic through the network. Then I will discuss how one may or may not observe such a paradox with realistic models of traffic flow. In order to do this I have to explain some simple models of car traffic on a single road and how discrete and continuous models are related. Finally, I plan to show some numerical simulations of network flows which may exhibit the Braess' paradox.



www.mathematik.uni-wuerzburg.de/kolloquium.html

Zu diesem Vortrag laden wir Sie herzlich ein.
Im Anschluss an den Vortrag stehen Kaffee und Tee im Foyer vor dem SE 40 bereit.

