

On some models in arising in angiogenesis: a crucial step in tumor growth

Antonio Suárez
Universidad de Sevilla

In this talk we present different theoretical results concerning to some problems modeling the angiogenesis. The angiogenesis is a complex and crucial step in the transition of tumors from a dormant state to a malignant one. The model consists in a nonlinear system of partial differential equations. Moreover, we show two different therapies to try avoid this process.