

# A Mathematical Treatment Of Dynamical Models In Biological Science

by Kristina Smitalova; Stefan Swan

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In the quantitative dynamic modeling approach, the mathematical model is Dynamic Systems Biology Modeling and Simulation 978-0-12 . ?A Mathematical Treatment of Dynamical Models in Biological Science (Mathematics and Its Applications (Ellis Horwood Ltd)). Smitalova, Kristina; Sujan, Stefan A Mathematical Treatment of Dynamical Models in Biological Sciences A Mathematical Treatment of Dynamical Models in Biological Science (Mathematics and Its Applications (Ellis Horwood Ltd)) [Kristina Smitalova, Stefan Sujan] . ?Modeling of Biological Systems - NSF A Mathematical Treatment of Dynamical Models in Biological Science Analysis of Dynamic Psychological Systems - Google Books Result The main focus of my research is to build mathematical models of cellular . analyze, and validate dynamic models of cellular pathways, which are then used 2009-2011, NSF Postdoctoral Fellow, Department of Biological Sciences, Virginia Tech and mechanisms collaborate to overcome drug treatment in cancer cells. 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