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mathematical models and how to use them. There is a huge range of useful models invading the Life Sciences: Richard Dawkins's [1, 2, 3] little stick creatures which evolve and mutate can sharpen

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Advances in mathematical modelling of the hypothalamic

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Mathematical Research and Modeling for the Army

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Advances in Mathematical Modelling of Composite Materials

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Mathematical Modelling and Simulation of Pneumatic Systems

A mathematical model must be able to address universal concepts, such as, for instance, the con- ... remarkable advances that revolutionize vascular research [7]. Figure 5. Computed velocity profiles downstream a carotid bifurcation. Figure 6. Shear stress distribution on a

Mathematical Models in Science and Engineering

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Mathematical Modelling and Tuberculosis: Advances in

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