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Definite Functions, and Wavelets; Ähnlichkeitsanalyse biologisch aktiver Moleküle mit durch Autokorrelationsvektoren trainierten selbstorganisierenden Karten; Algebraic Methods for the Analysis of Redundancy and Identifiability in Metabolic  $^{13}\text{C}$ -Labelling Systems Simulation and Animation of Intracellular Diffusion

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Sommario/riassunto

Bioinformatics, in this context the application of computer science to biological problems, has become an indispensable part of any research in the biosciences. Rapid developments in gene sequencing, structure determination as well as rational protein engineering and design have made it necessary for biologists, chemists, and computer scientists to channel their expertise into large scale collaborative projects. This GBF Monograph gives a general overview of the latest versatile activities in bioinformatics: \* Biological Data Bases \* DNA and RNA \* Protein Sequences and Structures <

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