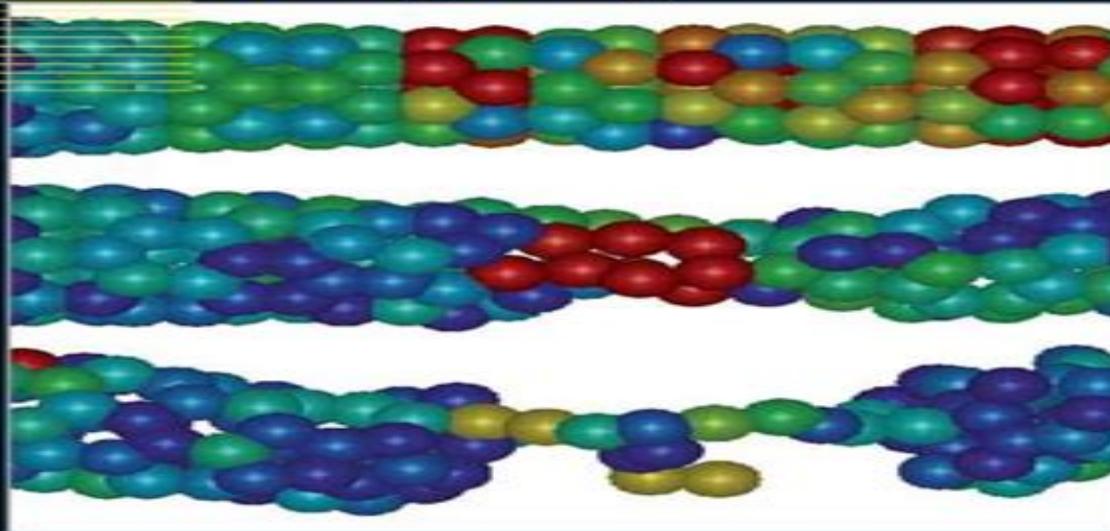


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# Numerical Simulation in Molecular Dynamics

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# Numerical Simulation In Molecular Dynamics Numerics Algorithms Parallelization Applications

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**Advanced Computational Methods for Knowledge Engineering** Ngoc Thanh Nguyen,Tien van Do,Hoai An Thi,2013-03-22 The book consists of 29 extended chapters which have been selected and invited from the submissions to the 1st International Conference on Computer Science Applied Mathematics and Applications ICCSAMA 2013 held on 9 10 May 2013 in Warsaw Poland The book is organized into five parts which are Advanced Optimization Methods and Their Applications Queuing Theory and Applications Computational Methods for Knowledge Engineering Knowledge Engineering with Cloud and Grid Computing and Logic Based Methods for Decision Making and Data Mining respectively All chapters in the book discuss theoretical and practical issues connected with computational methods and optimization methods for knowledge engineering

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24 1997 the Second International Symposium on Algorithms for Macromolecular Modelling was held at the Konrad Zuse  
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Improved Parallel Algorithms for Molecular Dynamics Simulations Ravi A. Murty, 1997

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