Direct Modeling For Computational Fluid Dynamics: Construction And Application Of Unified Gas-Kinetic Schemes (Advances In Computational Fluid Dynamics) By Kun Xu

By Kun Xu

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http://www2.ims.nus.edu.sg/Programs/015hiper/gen_abstracts.php?programid=96

International Conference on Mathematical Modeling and Computation, Wuhan University Quick information 15:00 Xu, Kun Zhou, Yongcheng 15:00
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1 Towards Adaptive Kinetic-Fluid (2009) 68 T. Ohwada, On the construction of kinetic schemes, 69 K. Xu and J-C. Chen, A unified gas kinetic
http://www.academia.edu/11857860/Towards_Adaptive_Kinetic-Fluid_Simulations_of_Weakly_Ionized_Plasmas

Direct Modeling for Computational Fluid Dynamics KunXu Department of Mathematics, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong.
http://www.math.ust.hk/~makxu/PAPER/DMCFD.pdf

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http://link.springer.com/article/10.1007/s10409-015-0453-2

Based on the direct modeling principle, the unified gas-kinetic based computational fluid dynamics: XU Kun 1 modeling-based computational fluid dynamics.
http://phys.scichina.com:8083/sciG/EN/abstract/abstract514302.shtml

Direct modeling-based computational fluid dynamics: XU Kun 1,4, LI QiBing 2*, LI ZuoWu 3
http://phys.scichina.com:8083/sciG/EN/Y2014/V44/I5/519

of Computational Fluid Dynamics and Gas-kinetic Schemes Direct Modeling for Computational Fluid Dynamics and Unified Gas-kinetic Scheme Prof. Kun Xu
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http://web.mit.edu/kjb/mitconf/2MIT%20Schedule%20Release.doc

and Nicolas James Part XXIII Gas-Kinetic BGK Schemes A New High Kun Xu, and Song Fu A Direct Boltzmann-BGK Kuzmin A. (ed.) Computational Fluid Dynamics
http://www.twirpx.com/file/497927/

Jan 13, 2015 Direct modeling for computational fluid dynamics provides an effective methodology to develop multi-scale numerical algorithms for flow simulation in all
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https://www.math.ucla.edu/applied/cam

Simulation Monte Carlo and Unified Gas Kinetic schemes. of Computational Fluid Dynamics, UGKS is the direct modeling for the gas evolution
http://dl.acm.org/citation.cfm?id=2567424

The underlying principle for the development of UGKS is the direct modeling for the gas Computational Fluid Dynamics, Xu, J. Huang; A unified gas-kinetic
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