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Gallis, M. A.; Torczynski, J. R.; Rader, D. J.; Bird, G. A. Abstract Copyright: (c simulation Monte Carlo (DSMC) method, termed "sophisticated DSMC",

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exchange with the direct simulation Monte Carlo (DSMC) method. a new rotational energy exchange scheme for DSMC calculations that G. A. Bird, Molecular

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G.A. Bird is the author of Molecular Gas Dynamics and the Direct Simulation of Gas Flows (5.00 avg rating, 2 ratings, 0 reviews, published 1994)

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Wagner W (1992) A convergence proof for Bird's direct simulation Monte Carlo method for the Boltzmann equation. J Stat Phys, 66: 1011 MATH View Article

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Abstract This paper presents computational results obtained with the direct simulation Monte Carlo DSMC method for several biconic test cases in which shock

Bird s dsmc0.for in java - particle in cell

G.A. Bird included several example codes with his book on the DSMC method. These codes are written in Fortran 77. This post discusses conversion of the DSMC0.FOR code

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The DSMC method is now well established in some fields, {G. A. Bird}, title = {Forty Years of DSMC, and Now?}, year = {} Bookmark. OpenURL . Abstract. Abstract.

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The Direct Simulation Monte Carlo (DSMC) method is widely considered to be both an accurate and general method for , D. J. Rader a and G. A. Bird b View

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SMILE System for 2D/3D DSMC Computations Direct Simulation Monte Carlo (DSMC) method [1, 2].
G.A.Bird in Proc. of the RGD 24 th.International Symposium,

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Hybrid Particle Scheme for Modeling Atmospheric Entry The main difference between the LD method and DSMC is the set of procedures used to update Bird, G. A

G. a. bird

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A hybrid cfd- dsmc method of modeling

Citation: Carlson, H.; Roveda, R.; Boyd, I.; Candler, G. (2004). "A Hybrid CFD-DSMC Method of Modeling Continuum-Rarefied Flows" AIAA-2004-1180, 42nd AIAA Aerospace

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