

Publications for Mitchell D. Smooke

Books

1. M. D. Smooke (editor), Reduced Kinetic Mechanisms and Asymptotic Approximations for Methane-Air Flames, Springer-Verlag, Heidelberg, 1991.
2. M. D. Smooke (Chair), J. B. Bell, J. H. Chen, M. B. Colket, T. H. Dunning, D. Gannon, W. H. Green, C. K. Law, M. Livny, M. Lundstrom, C. B. Moore, C. L. Palmer, A. Trouve, and C. Westbrook, Cyberinfrastructure for Combustion Research, National Research Council, The National Academies Press, Washington, D. C., 2011.

Journal Articles, Book Chapters, Proceedings and Reports

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2. M.D. Smooke, "Piecewise Analytical Perturbation Series Solutions of the Radial Schroedinger Equation – One Dimension," *SIAM J. Sci. and Stat. Comp.*, **3** (1982).
3. M.D. Smooke, "Error Estimates for Piecewise Perturbation Series Solutions of the Radial Schroedinger Equation," *SIAM J. Numer. Anal.*, **20** (1983).
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11. M.D. Smooke, R.E. Mitchell, and J.F. Grcar, "Numerical Solution of a Confined Laminar Diffusion Flame," in *Elliptic Problem Solvers*, G. Birkhoff and A. Shoenstadt, eds., (1984).
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13. J.A. Miller, M.D. Smooke, R.M. Green, and R.J. Kee, "Kinetic Modeling of the Oxidation of Ammonia in Flames," *Comb. Sci. and Tech.*, **34** (1983).
14. M.D. Smooke and M.L. Koszykowski, "Fully Adaptive Solutions in Solid-State Combustion," in *Numerical Methods for Transient and Coupled Problems*, R. W. Lewis et al., Eds., Pineridge Press, Swansea, (1984).
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