

List of publications (Kazuo Aoki)

I. Papers

1. Y. Sone, K. Aoki, and Y. Onishi, "Imperfect accommodation effects on the flow induced by thermal stresses in a rarefied gas," *J. Jpn. Soc. Aero. Space Sci.* **23**(261), 568–575 (1975) (in Japanese); *Heat Transfer Japanese Research* **6**(4), 1–12 (1977).
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3. Y. Sone and K. Aoki, "Photophoresis," *J. Jpn. Soc. Aero. Space Sci.* **24**(273), 513–517 (1976) (in Japanese).
4. Y. Sone and K. Aoki, "Slightly rarefied gas flow over a specularly reflecting body," *Phys. Fluids* **20**(4), 571–576 (1977).
5. Y. Sone and K. Aoki, "Forces on a spherical particle in a slightly rarefied gas," in *Rarefied Gas Dynamics*, edited by J. L. Potter (AIAA, New York, 1977), pp. 417–433.
6. K. Aoki and N. Tsuji, "Thermal force on a spherical particle with an outer shell in a slightly rarefied gas," *J. Jpn. Soc. Aero. Space Sci.* **25**(285), 465–470 (1977) (in Japanese); *J. Aerosol Sci.* **10**(4), 395–404 (1979).
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b. K. Aoki and H. Ishizuka, "Forces on a circular cylinder in a highly rarefied gas bounded by a plane wall," in *Rarefied Gas Dynamics*, edited by O. M. Belotserkovskii, M. N. Kogan, S. S. Kutateladze, and A. K. Rebrov (Plenum, New York, 1985), pp. 413–420.
12. Y. Sone and K. Aoki, "A similarity solution of the linearized Boltzmann equation with application to thermophoresis of a spherical particle," *J. de Mécanique Théorique et Appliquée* **2**(1), 3–12 (1983).
13. K. Aoki and C. Cercignani, "Evaporation and condensation on two parallel plates at finite Reynolds numbers," *Phys. Fluids* **26**(5), 1163–1164 (1983).

14. K. Aoki and C. Cercignani, “A technique for time-dependent boundary value problems in the kinetic theory of gases. Part I, Basic analysis,” *Z. Angew. Math. Phys.* **35**(2), 127–143 (1984).
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16. K. Aoki, “Photophoresis of a volatile particle in its vapor,” *J. de Mécanique Théorique et Appliquée* **3**(6), 825–841 (1984).
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19. K. Aoki, Y. Sone, and T. Ohwada, “Forces on heated circular cylinders in a highly rarefied gas,” in *Rarefied Gas Dynamics*, edited by V. Boffi and C. Cercignani (Teubner, Stuttgart, 1986), Vol. I, pp. 236–244.
20. Y. Sone, K. Aoki, and I. Yamashita, “A study of unsteady strong condensation on a plane condensed phase with special interest in formation of steady profile,” in *Rarefied Gas Dynamics*, edited by V. Boffi and C. Cercignani (Teubner, Stuttgart, 1986), Vol. II, pp. 323–333.
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