

A.J. Kox: List of Publications

(This list does not include short book reviews or newspaper articles)

1. A.J. Kox, "Magnetische monopolen." *Nederlands Tijdschrift voor Natuurkunde* 37 (1971): 377–378.
2. W.A. van Leeuwen, A.J. Kox, and S.R. de Groot, "Kinetic theory of transport coefficients of a relativistic binary mixture." *Physics Letters* 47A (1974): 31–33.
3. A.J. Kox, W.A. van Leeuwen, and S.R. de Groot, "Diffusion and thermal diffusion coefficients of a relativistic gas mixture." *Physics Letters* 47A (1974): 221–223.
4. A.J. Kox, "Diffusion in a relativistic Lorentz gas." *Publication numéro 453 du Centre de Recherches Mathématiques de l'Université de Montréal* (September 1974).
5. A.J. Kox, "Diffusion coefficients of a relativistic Lorentz gas." *Physics Letters* 53A (1975): 173–174.
6. W.A. van Leeuwen, A.J. Kox, and S.R. de Groot, "On relativistic kinetic gas theory, XIV. Transport coefficients of a binary mixture: General expressions." *Physica* 79A (1975): 233–255.
7. A.J. Kox, *On covariant kinetic gas theory*. Doctoral dissertation, University of Amsterdam (19 May 1976).
8. A.J. Kox, S.R. de Groot, and W.A. van Leeuwen, "On relativistic kinetic gas theory, XVI. The temperature dependence of the transport coefficients for a simple gas of hard spheres." *Physica* 84A (1976): 155–164.
9. A.J. Kox, W.A. van Leeuwen, and S.R. de Groot, "On relativistic kinetic gas theory, XVII. Diffusion and thermal diffusion in a binary mixture of hard spheres." *Physica* 84A (1976): 165–174.
10. A.J. Kox, "On relativistic kinetic gas theory, XVIII. Diffusion in a Lorentz gas of hard spheres." *Physica* 84A (1976): 603–612.
11. S.R. de Groot, A.J. Kox, and W.A. van Leeuwen, "On relativistic kinetic gas theory, XIX. The electron-neutrino system." *Physica* 84A (1976): 613–619.
12. A.J. Kox, J. Guichelaar, and S.R. de Groot, "Théorie relativiste de l'influence d'un phénomène de relaxation sur la propagation du son." *Comptes Rendus de l'Académie des Sciences (Paris)* 283A (1976): 959–961.

13. Th.J. Siskens, Ch.G. van Weert, W.P.H. de Boer, and A.J. Kox, "Recent results in relativistic quantum-kinetic theory." *Annals of the Israel Physical Society* 2 (1978): 932–935 (Proceedings of the 13th IUPAP Conference on Statistical Physics STATPHYS 13, Haifa, 24–30 August 1977).
14. F.W. Wiegel and A.J. Kox, "Statistical mechanics of a macromolecular membrane." *Annals of the Israel Physical Society* 2 (1978): 966–969 (Proceedings of the 13th IUPAP Conference on Statistical Physics STATPHYS 13, Haifa, 24–30 August 1977).
15. J.L. Anderson and A.J. Kox, "On the correct forms of the transport coefficients for a relativistic gas of hard spheres." *Physica* 89A (1977): 408–410.
16. A.J. Kox and F.W. Wiegel, "Statistical mechanics of a lipid monolayer." *Physica* 92A (1978): 466–474.
17. F.W. Wiegel and A.J. Kox, "Self-consistent field theory of a lipid monolayer." *Physics Letters* 68A (1978): 286–288.
18. F.W. Wiegel and A.J. Kox, "Theories of lipid monolayers." *Advances in Chemical Physics* 41 (1980): 195–228.
19. A.J. Kox, J.P.J. Michels, and F.W. Wiegel, "Simulation of a lipid monolayer using molecular dynamics." *Nature* 287 (1980): 317–319.
20. A.J. Kox and P.H. Polak, "Christiaan Huygens (1629–1695)." *Intermediair* 15 (1979), nr. 8 (23 February 1979). Also published in *De Gids* 142 (1979): 279–291; in Russian translation in *Priroda* 1979, nr. 12; and, slightly abbreviated, in publication nr. 25.
21. A.J. Kox, "De betekenis van Christiaan Huygens voor de natuurwetenschappen." *Natuurkundige Voordrachten* (Nieuwe Reeks) 58 (1979–80): 83–95.
22. A.J. Kox, "Simon Stevin (1548–1620)." *Intermediair* 16 (1980), nr. 8 (22 February 1980). Also published in publication nr. 25.
23. A.J. Kox, "Johannes Diderik van der Waals (1837–1923)." *Intermediair* 16 (1980), nr. 32 (8 August 1980). Also published in publication nr. 25.
24. A.J. Kox, "Hendrik Antoon Lorentz (1853–1928)." *Intermediair* 16 (1980), nr. 42 (17 October 1980). Also published in publication nr. 25.
25. A.J. Kox and M. Chamalaun, eds., *Van Stevin tot Lorentz. Portretten van Nederlandse natuurwetenschappers*. Amsterdam: Intermediair Bibliotheek, 1980.
26. A.J. Kox, "The correspondence between Boltzmann and H.A. Lorentz." In R. Sexl and J. Blackmore, eds., *Ludwig Boltzmann: Internationale Tagung anlässlich des 75. Jahrestages seines Todes, 5.–8. September 1981: Ausgewählte Abhandlungen*, pp. 73–86. Graz: Akademische Druck- und Verlagsanstalt; Braunschweig [etc.]: Vieweg, 1982. (R. Sexl, ed., *Ludwig Boltzmann Gesamtausgabe*, Vol. 8.)

27. A.J. Kox, "Lorentz, Hendrik Antoon." In *Makers of Nineteenth Century Culture* (London: Routledge and Kegan Paul, 1982).
28. A.J. Kox, "Het wetenschappelijk belang van de Collectie H.A. Lorentz." *Nederlands Archievenblad* 87 (1983), nr. 1 (March 1983).
29. H.L. Mulder, A.J. Kox and R. Hegselmann, eds., Moritz Schlick, *Die Probleme der Philosophie in ihrem Zusammenhang: Vorlesung aus dem Wintersemester 1933/34*. Frankfurt aM: Suhrkamp, 1986. (*Suhrkamp Taschenbuch Wissenschaft* 580.)
30. H.L. Mulder, A.J. Kox and R. Hegselmann, eds., Moritz Schlick, *The Problems of Philosophy in Their Interconnection: Winter Semester Lectures, 1933–34*. Dordrecht [etc.]: Reidel, 1987. (*Vienna Circle Collection*, Vol. 18.)
31. A.J. Kox, "Hendrik Antoon Lorentz, the ether, and the general theory of relativity." *Archive for History of Exact Sciences* 38 (1988): 67–78. Also in D. Howard and J. Stachel, eds., *Einstein and the History of General Relativity*, pp. 201–212. Boston: Birkhäuser, 1989.
32. A.J. Kox, ed., Philipp Frank, *Das Kausalgesetz und seine Grenzen*. Frankfurt aM: Suhrkamp, 1988. (*Suhrkamp Taschenbuch Wissenschaft* 734.)
33. J. Stachel, D. Cassidy, J. Renn, R. Schulmann, D. Howard, and A.J. Kox, eds., *The Collected Papers of Albert Einstein*. Vol. 2, *The Swiss Years: Writings, 1900–1909*. Princeton: Princeton University Press, 1989.
34. A.J. Kox, ed., *Van Stevin tot Lorentz*. Amsterdam: Bert Bakker, 1990. (2nd rev. ed. of nr. 25.)
35. A.J. Kox, *Physics in Amsterdam: A Brief History*. Amsterdam [etc.]: North-Holland, 1990.
36. A.J. Kox, "H.A. Lorentz's contributions to kinetic gas theory." *Annals of Science* 47 (1990): 591–606.
37. A.J. Kox, "General relativity in the Netherlands, 1915–1920." In: J. Eisenstaedt and A.J. Kox, eds., *Studies in the History of General Relativity*, pp. 39–56. Boston: Birkhäuser, 1992.
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40. A.J. Kox, "Einstein, Lorentz, Leiden and general relativity." *Classical and Quantum Gravity* 10 (1993): S187–S191.

41. A.J. Kox, "Einstein and Lorentz: More than just good colleagues." *Science in Context* 6 (1993): 43–56.
42. Martin J. Klein, A.J. Kox and Robert Schulmann, eds., *The Collected Papers of Albert Einstein*. Vol. 5, *The Swiss Years: Correspondence, 1902–1914*. Princeton: Princeton University Press, 1993.
43. Martin J. Klein, A.J. Kox, Jürgen Renn and Robert Schulmann, eds., *The Collected Papers of Albert Einstein*. Vol. 3, *The Swiss Years: Writings, 1909–1911*. Princeton: Princeton University Press, 1993.
44. A.J. Kox, "Boltzmann's influence on H.A. Lorentz." In Giovanni Battimelli, Maria Grazia Ianniello and Otto Kresten, eds., *Proceedings of the International Symposium on Ludwig Boltzmann* (Rome, February 9–11, 1989), pp. 95–111. Vienna: Verlag der Österreichischen Akademie der Wissenschaften, 1993.
45. A.J. Kox, "Pieter Zeeman's experiments on the equality of inertial and gravitational mass." In John Earman, Michel Janssen and John D. Norton, eds., *The attraction of gravity: New studies in the history of general relativity*, pp. 172–181. Boston: Birkhäuser, 1993.
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47. A.J. Kox, "Einstein, specific heats, and residual rays: The history of a retracted paper." In A.J. Kox and Daniel M. Siegel, eds., *'No truth except in the details': Essays in honor of Martin J. Klein*, pp. 245–257. Dordrecht: Kluwer, 1995.
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49. A.J. Kox, Martin J. Klein, and Robert Schulmann, eds., *The Collected Papers of Albert Einstein*. Vol. 6, *The Berlin Years: Writings, 1914–1917*. Princeton: Princeton University Press, 1996.
50. A.J. Kox and W.P. Troelstra, "Uit het Zeeman-archief: De ontdekking van het Zeeman-effect." *Gewina* 19 (1996): 153–166.
51. A.J. Kox, "Lorentz, Hendrik Antoon." In *Encyclopedia of physics*. New York: Macmillan.
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53. A.J. Kox, "The discovery of the electron: II. The Zeeman effect." *European Journal of Physics* 18 (1997): 139–144.

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