



Theory of Heat

By James Clerk Maxwell

Dover Publications Inc., United States, 2003. Paperback. Book Condition: New. Reprint. 211 x 135 mm. Language: English . Brand New Book. Though James Clerk Maxwell (1831-1879) is best remembered for his epochal achievements in electricity and magnetism, he was wide-ranging in his scientific investigations, and he came to brilliant conclusions in virtually all of them. As James R. Newman put it, Maxwell combined a profound physical intuition, an exquisite feeling for the relationship of objects, with a formidable mathematical capacity to establish orderly connections among diverse phenomena. This blending of the concrete and the abstract was the chief characteristic of almost all his researches. Maxwell's work on heat and statistical physics has long been recognized as vitally important, but Theory of Heat, his own masterful presentation of his ideas, remained out of print for years before being brought back in this new edition. In this unjustly neglected classic, Maxwell sets forth the fundamentals of thermodynamics clearly and simply enough to be understood by a beginning student, yet with enough subtlety and depth of thought to appeal also to more advanced readers. He goes on to elucidate the fundamental ideas of kinetic theory, and -- through the mental experiment of...



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