

VON HELMHOLTZ.

Hermann von Helmholtz. Von L. KOENIGSBERGER. 3 Bde., 8vo. Braunschweig, Vieweg und Sohn. Bd. 1: 1902, xi + 375 pp., 3 portraits; Bd. 2: 1903, xiv + 383 pp., 2 portraits; Bd. 3: 1903, ix + 142 pp., 4 portraits.

Vorlesungen über theoretische Physik. Von H. VON HELMHOLTZ. 6 Bde., large 8vo. Leipzig, J. A. Barth. Bd. 1₁: *Einleitung zu den Vorlesungen über theoretische Physik*, hrg. von KÖNIG und RUNGE, 1903, 50 pp., 1 portrait; Bd. 1₂: *Vorlesungen über die Dynamik discreter Massenpunkte*, hrg. von KRIGAR-MENZEL, 1898, x + 380 pp.; Bd. 2: *Dynamik kontinuierlich verbreiteter Massen*, hrg. von KRIGAR-MENZEL, 1902, viii + 247 pp.; Bd. 3: *Vorlesungen über mathematische Principien der Akustik*, hrg. von KÖNIG und RUNGE, 1898, x + 256 pp.; Bd. 4: *Elektrodynamik*, "soll bald erscheinen"; Bd. 5: *Vorlesungen über die elektromagnetische Theorie des Lichtes*, hrg. von KÖNIG und RUNGE, 1897, xii + 370 pp.; Bd. 6: *Vorlesungen über Theorie der Wärme*, hrg. von F. RICHARZ, 1903, xii + 419 pp.

HELMHOLTZ died on September 8, 1894. Although he was at that time considerably past seventy years of age, he was still in the midst of his researches, still as enthusiastic as ever, still as piercing of intellect. On July 9, just before his last illness, he had been busy correcting the proof of his pupil Hertz's *Mechanics*, but nevertheless had stated that it had been a lucky day for him because he had discovered what he and many others before him had long been looking for. What this was we shall never know; for before he had had the necessary time to write the matter out and present it to the Academy he was mortally ill. His own researches and those of his pupil Hertz, who had died so shortly before, were by no means the only things that occupied his mind. He was director of the Reichsanstalt and had come to the decision two years previous to publish his lectures on mathematical physics. Indeed the fifth volume, on the electromagnetic theory of light, was already in the press with the proofs two-thirds read. This was a fitting end to the activity of one who for fifty years has been astonishing the world with the fecundity of his investigations