

- from a metaphysical standpoint, 43; philosophy of, influenced by Herder, 51; ridiculed search for new planets, 54; on status of philosophy, 60; his definition of philosophy, 61; relation of philosophy to religion, 73; 'Phänomenologie des Geistes,' 83; spontaneous development of thought, 85; 'Geschichte der Philosophie,' 145; 162; speculative tendency of, 178; philosophy of, 204, ii. 279, 346, 500; i. 207, 208; encyclopædic lectures on philosophy, 215; benefactions to historical sciences, 215; Schelling's scheme of evolution, ii. 354; 495; dialectics, 530; 608, 751.
- Hegelianism, failure of, i. 72.
- Heidenbain, Prof., function of gland-cells, ii. 429.
- Heine, E., ii. 704, 733.
- Helm, Dr Georg, 'Die Lehre von der Energie,' ii. 97, 142, 185, 186; 'Die Energetik nach ihrer geschichtlichen Entwicklung,' 97, 106, 108-111, 125, 127, 133, 138; controversies as to priority of discovery in theory of energy, 97, 98; influence of Poncelet on practical mechanics, 101; heat unit, 109; labours of Horstmann, 170; methods of W. Gibbs, 171; criticism of mechanical view, 183; 188.
- Helmholtz, metaphysical foundations of geometry and dynamics, i. 45; 'Redeu' quoted, 175; on speculative tendency in science, 179; on Goethe as a naturalist, 180; 'Vorträge,' 193; 198, 199; doctrine of the conservation of energy, 201; on the relations of mathematical and experimental science, 205; 'Wissenschaftliche Abhandlungen,' *ib.*; 'Vorträge und Reden' quoted, 209; 'Ueber das Denken in der Medicin,' 210; revival of doctrine of conservation of force, 218; on Kant, 219; 220; 'Journal für Mathematik,' 231; Fourier's series, 241; "sense perceptions," 243; on Young, 244; 'Ueber die Erhaltung der Kraft,' 265, 309; on Faraday's ideas, 266; vortex motion, 313, ii. 35, 60; on the gravitation theory, i. 352; 375; objection against Weber's law, 376, 377; "action at a distance," 380; on the electro-chemical theory, 405; investigations of fluid motion, ii. 58; articles on acoustics, *ib.*; "vortex filaments," 61; influence of his speculations in England, 62; illustrations of his theories, 63; suggested vortex-atom theory, 66; 'Faraday Lecture' quoted, *ib.*; adopted views of English scientists, 93; independence of Mayer's writings, 97; his work theoretical, 99; "physical mechanics," 101; scientific services of, 106; memoirs refused by Poggendorf, 107; classical character of his investigations into the nature of heat, 112; 'Gesammelte Abhandlungen,' 113; his recognition of the claims of Mayer, 114; 117; and Sadi Carnot, 123; perpetual motion, 124; conservation of energy, 125, 127, 130, 142, 438; "death" of the universe, 131; mathematical treatment of power and work, 137; on tension, 138; 141; energetics, 148; electro-dynamics, 149; theories of electro-dynamic phenomena, 152; Faraday Lecture, 154; dissociation, 163; thermal measurements, 172; "free energy," 173; chemical equilibrium, 175; quoted, 182; atomic view, 189; atom of electricity, 193; memoir of, 195; ether theory, 196; imperfections of the eye as an optical instrument, 215; microscopic work, 229; Goethe's theory of colours, 245; Kant's theory, 282; appreciation of Kant, 284; "energy," 355; physical laws, 356; cosmical origin of life, 369; on vitalism, 388; 391; 'Physiological Optics,' 397, 480, 508; 'Physiological Acoustics,' 397; nature of living forces, 398; 403, 421, 467; animal magnetism, 476; quoted on "specific energies," 482; optics, 483. 506; psycho-physical science, 485; "Timbre," 488; arrangement of tones, 490; and Kant, 491; psycho-physical phenomena, 496; space perception, 504; "Ueber das Sehen des Menschen," 506; hearing and seeing, 512; language, 538; on harmonics, 623; on foundations of geometry, 710; letter to Schering, *ib.*; on axioms of geometry, 711; and Riemann on geometry, 713.
- Helvetius, ignorance of physiology, ii. 471.
- Henle, Jacob, reconstruction of "general anatomy," i. 195; 198; anthropological lectures of, 215; mechanical views in biology of, 219; on demonstration of Bell's doctrine, 293; 'Allgemeine Anatomie,' ii. 401.
- Henrici, ii. 656.
- Henry, Dr, not member of any univer-