

- Chemical laboratories established, i. 188.
- Chemical symbolism, i. 417; affinity, neglect of the study of, 420; theory, Kopp on, 421; and physical reasoning contrasted, 424; affinity, theories of, 452; affinity, ii. 157.
- 'Chemie, Gehlen's Allgemeines Journal für,' i. 41.
- 'Chemische Annalen,' Crell's, i. 41.
- Chemistry, a French science, i. 114; equivalents, 399; organic, 407; Liebig's definition of, 409; substitution, *ib.*; "type" theory, 411; uncertainty about theory in middle of century, 413; periodic law, 422; structural and stereo-chemistry, 447; change in definition of, 454; ii. 389; change in organic, 393.
- Chénier, Marie-Joseph, Report on French literature, i. 149.
- Cherbuliez, E., 'Ueber einige physikalische Arbeiten Eulers,' ii. 8; quoted, 46.
- Cheselden, space-perception, ii. 473; 505.
- Chesterfield's, Lord, Letters, quoted from, i. 105.
- Chevalier, Aug., Galois's letter to, ii. 686.
- Chevenix, not member of any university, i. 238.
- Chevreul, 'Recherches sur les Corps gras d'origine animale,' i. 454; ii. 406.
- 'Chimie, Annales de,' issued by Berthollet, i. 41.
- "Chirality" discovered by Pasteur, i. 431; origin and meaning of the word, ii. 22; 437.
- Chladni, 'Akustik,' i. 83; theory of elasticity, ii. 31.
- Chloral discovered by Liebig, i. 93.
- Chloroform discovered by Liebig, i. 93.
- Christiansen and Kundt, discovery of anomalous dispersion of wave-motion, ii. 53, 54.
- Christie, not member of any university, i. 239.
- Christison of Edinburgh University, i. 272.
- Chronometers, i. 329.
- Chrystal, G., Plücker, and Faraday, i. 242; 'John Napier, Baron of Merchiston,' quoted, 269; on David Gregory, 270; "Magnetism," ii. 75.
- Church on the spiral theory, ii. 224.
- Cicero, ii. 523.
- "Cinématique," the word introduced by Ampère, ii. 5.
- Circle, squaring of the, ii. 124; division of the, 728.
- Clairault followed Newton, i. 96; his 'Théorie de la Figure de la Terre,' 99; referred to by Voltaire, 106, 107; mathematics made fashionable in France, 237; Laplace and, 319; lunar theory, 329; attempt to correct Newton's law, 334; capillary attraction, 356, 378.
- Clapeyron, i. 379; suggested earlier researches of Clausius and Thomson, ii. 117; Carnot's 'Puissance Motrice,' 118; heat and work, 123; biographical, *ib.*
- Clark, J. W., and T. M'K. Hughes, 'Life and Letters of Adam Sedgwick,' i. 267.
- Clark, Latimer, "Weber" unit, i. 369.
- Clarke, Newton's "descriptive and calculating" philosophy, i. 337; letter to Leibniz on gravitation quoted, 340.
- Classics, foreign, superiority in number and quality of German translations of, i. 213.
- Classification, ii. 231.
- Clausius, Rudolf, on atoms, i. 313; "Entropy," 316, ii. 169, 181, 184, 594; the kinetic theory of gases, i. 433, ii. 34, 162; 'Die mechanische Wärmetheorie,' i. 434, ii. 163, 167; "on the average mean path of a particle," i. 438; theoretical thermodynamics, ii. 62; independence of Mayer's writings, 97; "work" and "energy," 115; unifies the views of Mayer and the measurements of Joule, 116; "conservation of energy," 128; "dissipation of energy," 131; labours of, 133, 173; researches of, 133; Prof. Unwin's account of theories of, 135; elaboration of Joule's and Regnault's experiments, 137; physical view of nature, 141; dynamical theory of heat, 148; dissociation, 163; "free energy," 175; heat, 178; theory of probabilities, 590; thermo-dynamics, 603.
- Clavius quoted, ii. 287.
- Clebsch, A., on Julius Plücker, i. 242, ii. 75, 76, 677.
- Clifford, W. K., "axioms of geometry," i. 352; reflex action, ii. 520; "mind-stuff" theory, 546; criticism of Clerk-Maxwell, 606, 608, 656; on Riemann, 704.
- Cohn, quoted, ii. 559.
- Colbert recognised the practical value