((901

umfang, &c.; Fr. étendue de l'excitation (&c.); Ital. ampiezza (or estensione). della sensazione (&c.). (1) Of stimulation: the entire region of those values of stimuli a change in which is accompanied by a change in sensation. It includes the entire series of stimulus values which are effective for the production of isme; Ital. razionalismo. (1) The theory sensation from the lower to the upper limen that everything in religion is to be rationally or THRESHOLD (q. v.) values.

tinuum of sensations. Cf. Limits (of stimula- dogma. Opposed particularly to supernatution and sensation).

is-much-complicated by the relativity of the definite doctrines . . . but rather a certain THRESHOLD, which is remarked upon under cast of thought or bias of reasoning ... which

used in English and German; Ital. rapporto and of conscience.' In this sense it finds its (magnetico). The peculiar relation sustained best expression in the Enlightenment (q. v.) by a hypnotized person to the hypnotizer of the 18th century. during Hypnosis (q. v., also for literature).

gestion' theory of hypnosis that the 'rapport' may be transferred by suggestion from the hypnotizer to a third person. (J.M.B.)

Ratio [Lat. ratio, calculation, relation, TION, NOUS, and UNDERSTANDING. reason, doctrine]: Ger. Verhaltniss; Fr. (3) The theory that, in philosophy, certain rapport; Ital. rapporto. The following rela- elementary concepts are to be sought, and tion between quantities: the ratio of A to B | that all the remaining content of philosophy is the same as that of C to D when the quo- is to be derived, in a deductive way, from tient of A divided by B is equal to the quotient | these fundamental notions. Opposed to Emof C divided by D; hence often equivalent to Piricism (q.v.). In this sense it is used quotient, or fraction.

equivalent to the Latin ratio, meaning and Leibnitz, formulated in detail by Wolff, REASON (q. v.).

So the Schoolmen. Thus, Aquinas says it theology is derived from the insistence by is 'quidam motus intellectus transcuntis ab Descartes upon method, and upon clearness uno in aliud,' which, however inexact in ex- and distinctness as criteria of truth. It is pression, conveys a clear idea. J. S. Mill combined, however, with an empiricism which confines the term to the process of necessary descends from Locke. The use of rational inference, because he is unwilling to admit that conceptions as the source from which other

nale. (1) Based on a Reason (q. v., in logic) innate or a priori ideas; or through intuition, Thus a conclusion is called rational.

the power, of REASONING (q. v.). Thus man second sense applies to a particular part of the is said to be a rational animal.

form of a fraction, i.e. equal to the exact in philosophy. The sketch that follows is quotient of the division of one whole number confined to the third sense. by another. In this sense, the word rational | Descartes, seeking a criterion of certainty, translates the Greek paros.

Rational and Empirical Ego or Self: see Self.

Rational Number: see RATIONAL (3), and cf. NUMBER.

Rationalism [Lat. rationalis; from ratio, reason]: Ger. Rationalismus; Fr. rationalexplained or else rejected. The application (2) Of sensation: the corresponding con- of ordinary logical standards and methods to ralism. As Lecky (Hist. of Rationalism, The determination of the range of sensation | i. 16) says, it signifies not any class of (C.L.F., J.M.B.) leads man on all occasions to subordinate Rapport (hypnotic) [Fr.]: the Fr. term is dogmatic theology to the dictates of reason

(2) The theory that reason is an independent It is a strong point in favour of the 'sug-source of knowledge, distinct from senseperception and having a higher authority. Opposed to SENSATIONALISM (q. v.). See REASON; and cf. INTELLECTUALISM, INTUI-

(c.s.p.) particularly of the method first explicitly The word is not used in the senses stated by Descartes, developed by Spinoza (J.M.B.) and finally refuted by Kant.

Ratiocination [Lat. ratio, reason]. REAT The three senses are historically connected.

SONING (q. v., a lso for foreign equivalents). The 18th century rationalism in morals and this is, properly speaking, reasoning., (C.S.P.) ideas are to be deductively derived is, of Rational [Lat. ratio, reason]: Ger. ver | course, impossible unless there is some faculty nünftig, rational; Fr. rationuel; Ital. razio through which these ideas are made known, as and so the second and third senses run to-(2) Connected with the exercise, or having gether. None the less, rationalism in the (J.M.B.) content of philosophic doctrine, while in the (3) In mathematics: expressible in the third it expresses the method taken to be final

(c.s.p.) hit upon the undoubted existence of inner