

GRE · GRE Subject Test · GRE Mathematics

Glossary · every term in the course, A–Z

English

analytic

/ˌænəˈlɪtɪk/

bijection

/baɪˈdʒekʃn/

Cauchy sequence

/ˈkɔːtʃi ˈsiːkwəns/

characteristic root

/ˌkærɪktəˈrɪstɪk ruːt/

compact

/kəmˈpækt/

complete metric space

/kəmˈpliːt ˈmetrɪk speɪs/

congruence

/ˈkɒŋɡruːəns/

connectedness

/kəˈnektɪdnəs/

conservative field

/kənˈsɜːvətɪv fiːld/

continuity

/kɒntɪˈnjuːɪti/

convergence

/kənˈvɜːdʒəns/

coset

/ˈkɒset/

cross product

/krɒs ˈprɒdʌkt/

divergence

/daɪˈvɜːdʒəns/

eigenvalue

/ˈaɪdʒənvæljuː/

equivalence relation

/ɪˈkwɪvələns rɪˈleɪʃn/

extension degree

/ekˈstɛnʃn dɪˈɡriː/

English

field

/fi:ld/

focus

/'fəʊkəs/

forward substitution

/'fɔ:wəd ,sʌbstɪ'tju:ʃn/

gradient

/'greɪdɪənt/

Hessian

/'heʃn/

homomorphism

/'hɒməmɔ:fɪzəm/

ideal

/aɪ'diəl/

improper integral

/ɪm'prɒpə 'ɪntɪgrəl/

initial condition

/ɪ'nɪʃl kən'dɪʃn/

integrating factor

/'ɪntɪgreɪtɪŋ 'fæktə/

integration by parts

/,ɪntɪ'greɪʃn baɪ pa:ts/

involution

/ɪnvə'lu:ʃn/

irreducible polynomial

/ɪrɪ'dju:sɪbl ,pɒli'nəʊmɪəl/

Jacobian

/dʒæ'kəʊbiən/

Jacobian matrix

/dʒæ'kəʊbiən 'meɪtrɪks/

Lagrange multiplier

/'lægreɪndʒ ,mʌltɪ'plaiə/

local inverse

/'ləʊkl ɪn'vɜ:s/

loop invariant

/lu:p ɪn'veəriənt/

mutually exclusive

/'mju:tʃu:əli eks'klu:sɪv/

neighbourhood basis

/'neɪbəhʊd 'beɪsɪs/

English

normal subgroup

/ˈnɔːml 'sʌbgruːp/

nullity

/ˈnʌlɪti/

orthogonal

/ɔː'θɒɡənl/

parametric curve

/ˌpærə'metrik kɜːv/

particular solution

/pə'tɪkjələ sə'lʊːʃn/

phase angle

/feɪz 'æŋɡl/

posterior probability

/pɒ'stɪəriə ,prɒbə'bɪlɪti/

preimage

/ˌpriː'ɪmɪdʒ/

principal value

/ˈprɪnsɪpl 'væljuː/

radius of convergence

/ˈreɪdɪəs ɒv kən'vɜːdʒəns/

rank

/ræŋk/

recurrence

/rɪ'kʌrəns/

reflection symmetry

/rɪ'flekʃn 'sɪmətri/

related rate

/rɪ'leɪtɪd reɪt/

relative topology

/ˈrelatɪv tə'pɒlədʒi/

remainder

/rɪ'meɪndə/

removable limit

/rɪ'muːvəbl 'lɪmɪt/

residue

/ˈresɪdjuː/

similarity

/ˌsɪmɪ'lærɪti/

standard error

/ˈstændəd 'erə/

English

supremum

/su:'preməm/

torsion

/'tɔ:ʃn/

totient

/'təʊʃənt/

uniform convergence

/'ju:nɪfɔ:m kən'vɜ:dʒəns/

weak composition

/wi:k ˌkɒmpə'zɪʃn/
