

GRE · GRE Subject Test · GRE
Mathematics

Glossary · every term in the course, A–Z

English

analytic

/ˌænəˈlɪtɪk/

bijection

/baɪˈdʒɛkʃn/

Cauchy sequence

/ˈkoːtʃi 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

/ˈaɪdʒənˌvæljuː/

equivalence relation

/ɪˈkwɪvələns rɪˈleɪʃn/

extension degree

/ekˈstɛnʃn dɪˈɡriː/

English

field

/fiːld/

focus

/ˈfəʊkəs/

forward substitution

/ˈfɔːwəd ˌsʌbstɪˈtjuːʃn/

gradient

/ˈɡreɪdɪənt/

Hessian

/ˈheʃn/

homomorphism

/ˈhɒməmɔːfɪzəm/

ideal

/aɪˈdɪəl/

improper integral

/ɪmˈprɒpə ˈɪntɪɡrəl/

initial condition

/ɪˈnɪʃl kənˈdɪʃn/

integrating factor

/ˈɪntɪɡreɪtɪŋ ˈfæktə/

integration by parts

/ˌɪntɪˈɡreɪʃn baɪ pɑːts/

involution

/ɪnvəˈluːʃn/

irreducible polynomial

/ɪrɪˈdjuːsɪbl ˌpɒliˈnəʊmiəl/

Jacobian

/dʒæˈkəʊbiən/

Jacobian matrix

/dʒæˈkəʊbiən ˈmeɪtrɪks/

Lagrange multiplier

/ˈlæɡreɪndʒ ˌmʌltɪˈplaɪə/

local inverse

/ˈləʊkl ɪnˈvɜːs/

loop invariant

/luːp ɪnˈveəriənt/

mutually exclusive

/ˈmjuːtʃuːəli ɛksˈkluːsɪv/

neighbourhood basis

/ˈneɪbəhʊd ˈbeɪsɪs/

English
normal subgroup
/ˈnɔːml ˈsʌbɡruːp/
nullity
/ˈnʌlɪti/
orthogonal
/ɔːˈθɒɡənl/
parametric curve
/ˌpærəˈmɛtrɪk kɜːv/
particular solution
/pəˈtɪkjəl səˈluːʃn/
phase angle
/feɪz ˈæŋɡl/
posterior probability
/pɒˈstiəriə ˌprɒbəˈbɪlɪti/
preimage
/ˌpriːˈɪmɪdʒ/
principal value
/ˈprɪnsipl ˈvæljuː/
radius of convergence
/ˈreɪdiəs ɒv kənˈvɜːdʒəns/
rank
/ræŋk/
recurrence
/rɪˈkʌrəns/
reflection symmetry
/rɪˈflekʃn ˈsimətri/
related rate
/rɪˈleɪtɪd reɪt/
relative topology
/ˈrelətɪv təˈpɒlədʒi/
remainder
/rɪˈmeɪndə/
removable limit
/rɪˈmuːvəbl ˈlɪmɪt/
residue
/ˈresɪdjuː/
similarity
/ˌsimiˈlærɪti/
standard error
/ˈstændəd ˈerə/

English
supremum
/suːˈpreməm/
torsion
/ˈtɔːʃn/
totient
/ˈtəʃənt/
uniform convergence
/ˈjuːnɪfɔːm kənˈvɜːdʒəns/
weak composition
/wiːk ˌkɒmpəˈzɪʃn/