

English - Welsh

| <i>English</i> | <i>Welsh</i> |
|-------------------------|--------------------------------|
| abelian | abel |
| addition | adiad |
| adjacency matrix | matrics cyfagosrwydd |
| adjoint | atgyd |
| adjugate | atgydiol |
| ambient | amgylchol |
| analytic | analytig |
| ansatz | ansatz |
| antiderivative | gwrthddeilliad |
| antipode | cyferbwynt |
| anulus | anwlws |
| approximate | brasamcanu |
| arbitrary | mymppwyol |
| argument | arg |
| articulation point | pwynt cynaniad |
| associative | cysylltiadol |
| associativity | cysylltiadedd |
| augmented matrix | matrics estynedig |
| autonomous | awtonomaidd |
| auxiliary equation | hafaliad ategol |
| axiom | gwireb |
| backtracking | gwrthgilio |
| basis | sail |
| bijjective | deusaethol |
| bilinear | deulinol |
| binary operation | gweithrediad deuaid |
| bipartite | deurannol |
| bisect | hanerydd |
| bound | arffin |
| boundary | ffin |
| boundary conditions | amodau ffin |
| bounded above | ffinedig uchod |
| bounded below | ffinedig isod |
| bracket | cromfach |
| branch and bound | dull canghenu ac arffiniau |
| breadth | lled |
| candidate solution | datrysiad ymgais |
| cardinality | prifoledd |
| cartesian form | ffurf cartesaid |
| chinese postman problem | problem y dyn bost tsieineaidd |
| circuit | cylchred |

| <i>English</i> | <i>Welsh</i> |
|----------------------------------|------------------------------|
| circumscribed circle | amgylch |
| closedness | caeoldeb |
| closure | caefa |
| coefficient | cyfernod |
| collinear | unllin |
| combinatorial | cyfuniadol |
| complex conjugate | cyfiau cymhlyg |
| commutative | cymudol |
| commutativity | cymudedd |
| complement | cyflenwad |
| complex differentiable | differadwy cymhlyg |
| complex numbers | rhifau cymhlyg |
| composite | cyfansawdd |
| concave | ceugrwm |
| concurrent | cytgroes |
| congruency | cyfathiant |
| connected | cysylltiedig |
| connectivity | cysylltedd |
| conservative | cadwrol |
| continuous | di-dor |
| continuously differentiable | differadwy yn ddi-dor |
| contour integral | integryn amlin |
| contradiction | gwrthddyweddiad |
| converge | cydgyfeirio |
| convex | amgrwm |
| convexity | amgrymedd |
| coordinate vector | fector cyfesurynnau |
| correlation | cydbethyniad |
| cumulative distribution function | ffwythiant dosraniad cronnus |
| cycle | cylchlwybr |
| cylindrical | silindrog |
| debug | datbygio |
| decent method | dull disgyniad |
| decomposition | dadelfeniad |
| decreasing | lleihaol |
| deformation | anffurfiad |
| degenerate | dirywiedig |
| degree | gradd |
| delimit | amffinio |
| denominator | enwadur |
| depth | dyfnder |

| <i>English</i> | <i>Welsh</i> |
|----------------------------------|-------------------------------|
| derivative | deilliad |
| diagonal | croeslin |
| diagonalisability | croeslinedd |
| diagonalisable | croeslinadwy |
| differentiability | differadwyedd |
| differentiable | differadwy |
| differential-difference equation | hafaliad gwahaniaeth-differol |
| dilation | ymlediad |
| dimension | dimensiwn |
| directed graph | graff cyfeiriedig |
| directional derivative | deilliad cyfeiriadol |
| discrete | arwahanol |
| disjoint set | set digyswllt |
| distributivity | dosbarthedd |
| diverge | dargyfeirio |
| divergent | dargyfeiriol |
| domain | parth |
| domain of integration | parth integru |
| dynamic programming | rhaglennu dynamig |
| edge-weighted graph | graff ymyl-pwysedig |
| ellipse | elips |
| endomorphism | endomorffedd |
| endpoint | diweddbwynt |
| entire | cyfan |
| equality | hafaidd |
| equivalence relation | perthynas cywerthedd |
| error function | ffwythiant cyfeiliornad |
| estimation lemma | lemma amcangyfrif |
| even function | eil-ffwythiant |
| extrema | eithafion |
| factorisation | ffactoriad |
| feasible | dichonadwy |
| field | maes |
| finite | meidraidd |
| function | ffwythiant |
| functional | fwythiannol |
| fundamental theorem of calculus | theorem sylfaenol calcwlws |
| generating function | ffwythiant generadu |
| geodesic | geodesig |
| global optimum | optimwm eang |
| group | grŵp |

| <i>English</i> | <i>Welsh</i> |
|----------------------------|------------------------------|
| heuristic | dull hewristig |
| holomorphic | holomorffig |
| homogeneous | homogenaidd |
| homomorphism | homomorffedd |
| identity | unfathiant |
| identity matrix | matrics unfathol |
| implicit | ymhlyg |
| improper integral | integryn afreolaidd |
| incident (graph theory) | trawol |
| increasing | cynyddol |
| indentation | mewnoliadau |
| indicial equation | hafaliad indecsol |
| infinitesimal | gorfychan |
| injective | mewnsaethol |
| inner product | lluoswm mewdol |
| inscribe | mewnysgrifio |
| inscribed circle | mewngylch |
| integer (adjective) | cyfanrifol |
| integer (noun) | cyfanrif |
| integrating factor | ffactor integru |
| intermediate value theorem | theorem y gwerth canolraddol |
| intersection | croestoriad |
| intractable | anhydrin |
| intractibility | anhydrinedd |
| inverse | gwrthdro |
| isometry | isometreg |
| isomorphic | isomorffig |
| joint distribution | cyd-ddosraniad |
| kernal | cnewyllyn |
| kurtosis | cwrtosis |
| length | hyd |
| limit | terfan |
| linear combination | cyfuniad llinol |
| linear dependence | dibyniaeth linol |
| linear independence | annibyniaeth linol |
| linear programming | rhaglennu llinol |
| linear transformation | trawsffurfiant llinol |
| linearise | llinelloli |
| linearly dependent | llinol ddibynnol |
| linearly independent | llinol annibynnol |
| local optimum | optimwm lleol |

| <i>English</i> | <i>Welsh</i> |
|-------------------------|--------------------------|
| logistic | logistaidd |
| loop (graph theory) | dolen |
| lower bound | arffin isaf |
| lune | lŵn |
| mapping | mapiad |
| marginal | ymylol |
| markov chain | cadwyn markov |
| markov decision process | proses benderfynu markov |
| matching | cydweddiad |
| matrix | matrics |
| maximum | macsimwm |
| maximum point | uchafbwynt |
| median | canolrif |
| median (triangles) | llyn canol |
| meromorphic | meromorffig |
| metric space | gofod metrig |
| minimum | minimwm |
| minimum point | isafbwynt |
| minor | lleddf |
| monotone | monoton |
| multi-objective | amlamcan |
| multigraph | aml-graff |
| multiplicity | lluosogrwydd |
| multiplier | lluosydd |
| multiset | aml-set |
| mutually exclusive | cydanghynhwysol |
| n-periodic | n-cyfnodol |
| n-tuple | n-blyg |
| negation | negyddiad |
| nilpotent | nilpotent |
| non-decreasing | anleihaol |
| non-degenerate | annirywiedig |
| non-empty | anwag |
| non-increasing | digynnydd |
| non-negative | annegatif |
| non-trivial | annistadl |
| nonlinear | aflinol |
| nullity | dirymiad |
| numerator | rhifiadur |
| odd function | od-ffwythiant |
| operation | gweithrediad |

| <i>English</i> | <i>Welsh</i> |
|------------------------------|---------------------------------|
| operational research | ymchwil weithrediadol |
| operations | gweithrediadau |
| ordered pairs | parau trefnedig |
| ordinary point | pwynt arferol |
| orientation-preserving | cadw-cyfeiriadaeth |
| orientation-reversing | gwrthdroi-cyfeiriadaeth |
| origin | tarddbwynt |
| parameterisation | paramedriad |
| parameterise | paramedreiddiwrch |
| partial derivative | deilliad rhannol |
| partition | ymraniad |
| path | llwybr |
| percentile | canradd |
| permutations | trynewidion |
| phase curve | cromlin gwedd |
| plane | plân |
| polar form | ffurf pegynlinol |
| pole | pegwn |
| power set | set pŵer |
| precision | trachywriedd |
| prime number | rhif cysefin |
| principal value | penrhif |
| principle argument | prif arg |
| probability density function | ffwythiant dwysedd tebygolrwydd |
| probability mass function | ffwythiant màs tebygolrwydd |
| pseudo-random number | ffug-haprif |
| quadrant | pedrant |
| quantifier | meintiolydd |
| quantile | cwantel |
| quartile | chwartel |
| queueing | ciwio |
| quotient | cyniferydd |
| radical | radical |
| random decent | hap-ddisgyniad |
| random event | hapddigwyddiad |
| random number | haprif |
| random variable | hapnewidyn |
| randomness | haprwydd |
| range | amrediad |
| rank | ranc |
| rational numbers | rhifau cymarebol |

| <i>English</i> | <i>Welsh</i> |
|---------------------------------|-------------------------------|
| real numbers | rhifau real |
| reciprocal | cilydd |
| recurrence relation | perthynas ailadroddadwy |
| recursion | dychweliad |
| recursive | dychweliadol |
| reduced row echelon form | ffurf echelon rhes gostyngol |
| reflexive | ymatblyg |
| reflexivity | ymatblygedd |
| regular singular point | hynodyn rheolaidd |
| residue | gwaddod |
| resource allocation problem | problem dosbarthu adnoddau |
| reverse triangle inequality | anhafaledd triongl gwrthwyneb |
| roots of unity | gwreiddiau un |
| rural postman problem | problem y dyn bost gwledig |
| saddle point | pwnt ffurfdro |
| sandwich theorem | theorem gwasgu |
| scalar multiplication | lluosiad sgalar |
| separable differential equation | hafaliad differol gwahanadwy |
| sequence | dilyniant |
| series expansion | ehangiad cyfres |
| sesquilinear | sescwilinol |
| set | set |
| simply connected region | rhanbarth cysylltiedig syml |
| simulated annealing | ffug-anelio |
| simulation (object) | efelychiad |
| simulation (process) | efelychu |
| singular | hynod |
| singular point | hynodyn |
| singularity | hynodyn |
| sink (graph theory) | suddfan |
| skew-symmetric | sgiw-gymesur |
| skewness | sgiwedd |
| solution space | gofod datrysiadau |
| source (graph theory) | tarddle |
| span | rhychwant |
| spanning | rhychwantu |
| spanning tree | coeden rhychwantu |
| sparse | gwasgarog |
| spherical coordinates | cyfesurynnau sferig |
| star centre | canol serenol |
| starlit region | rhanbarth seren oleuol |

| <i>English</i> | <i>Welsh</i> |
|-------------------------------|-------------------------|
| stationary point | pwnt arhosol |
| stochastic | stocastig |
| strong principle of induction | egwyddor gref anwythiad |
| subgroup | is-grŵp |
| subset | is-set |
| subspace | is-ofod |
| subtraction | tynnu |
| surface | arwyneb |
| surjective | arsaethol |
| symmetric matrix | matrics cymesur |
| tabu search | chwiliad tabŵ |
| tangent | tangiad |
| trace | olin |
| transcendental | trosgynnol |
| transform | trawsffurf |
| transitive | trosaid |
| transitivity | transitiffaeth |
| translation | trawsfudiad |
| transportation problem | problem trafnidiaeth |
| transpose | trawsddodyn |
| transposition | trawsddodiad |
| triangle inequality | anhafaledd triongl |
| triangulation | triongiant |
| triple integral | integryn triphlyg |
| trivial | distadl |
| truth table | gwirlen |
| turning point | trobwynt |
| unbounded | diarffin |
| union | uniad |
| unique | unigryw |
| unit circle | cylch uned |
| universal set | set gynhwysol |
| upper bound | arffin uchaf |
| upper triangular | trionglog uchaf |
| validation | dilysu |
| variable | newidyn |
| variation of constants | amrywio cysonion |
| vector | fector |
| vector space | gofod fector |
| verification | gwireddu |
| weight (multiplier) | pwysolyn |

| English | Welsh |
|-----------------|-------------------|
| well defined | clir-ddiffiniedig |
| with respect to | mewn perthynas â |
| zero | sero |

Cymraeg - Saesneg

| <i>Cymraeg</i> | <i>Saesneg</i> |
|-------------------------------|-----------------------------|
| abel | abelian |
| adiad | addition |
| aflinol | nonlinear |
| amffinio | delimit |
| amgrwm | convex |
| amgrymedd | convexity |
| amgylch | circumscribed circle |
| amgylchol | ambient |
| aml-graff | multigraph |
| aml-set | multiset |
| amlamcan | multi-objective |
| amodau ffin | boundary conditions |
| amrediad | range |
| amrywio cysonion | variation of constants |
| analytig | analytic |
| anffurfiad | deformation |
| anhafaledd triongl | triangle inequality |
| anhafaledd triongl gwrthwyneb | reverse triangle inequality |
| anhydrin | intractable |
| anhydrinedd | intractability |
| anleihaol | non-decreasing |
| annegatif | non-negative |
| annibyniaeth linol | linear independence |
| annirywiedig | non-degenerate |
| annistadl | non-trivial |
| ansatz | ansatz |
| anwag | non-empty |
| anwlws | annulus |
| arffin | bound |
| arffin isaf | lower bound |
| arffin uchaf | upper bound |
| arg | argument |
| arsaethol | surjective |
| arwahanol | discrete |
| arwyneb | surface |
| atgyd | adjoint |
| atgydiol | adjugate |
| awtonomaidd | autonomous |
| brasamcanu | approximate |
| cadw-cyfeiriadaeth | orientation-preserving |
| cadwrol | conservative |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|----------------------|-----------------------|
| cadwyn markov | markov chain |
| caefa | closure |
| caeoldeb | closedness |
| canol serenol | star centre |
| canolrif | median |
| canradd | percentile |
| ceugrwm | concave |
| chwartel | quartile |
| chwiliad tabŵ | tabu search |
| cilydd | reciprocal |
| ciwio | queueing |
| clir-ddiffiniedig | well defined |
| cnewyllyn | kernal |
| coeden rhychwantu | spanning tree |
| croeslin | diagonal |
| croeslinadwy | diagonalisable |
| croeslinedd | diagonalisability |
| croestoriad | intersection |
| cromfach | bracket |
| cromlin gwedd | phase curve |
| cwantel | quantile |
| cwrtosis | kurtosis |
| cyd-ddosraniad | joint distribution |
| cydanghynhwysol | mutually exclusive |
| cydbethyniad | correlation |
| cydgyfeirio | converge |
| cydweddiad | matching |
| cyfan | entire |
| cyfanrif | integer (noun) |
| cyfanrifol | integer (adjective) |
| cyfansawdd | composite |
| cyfathiant | congruency |
| cyferbwynt | antipode |
| cyfernod | coefficient |
| cyfesurynnau sfferig | spherical coordinates |
| cyfiau cymhlyg | complex conjugate |
| cyflenwad | complement |
| cyfuniad llinol | linear combination |
| cyfuniadol | combinatorial |
| cylch uned | unit circle |
| cylchlwybr | cycle |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|----------------------------|-----------------------------|
| cylchred | circuit |
| cymudedd | commutativity |
| cymudol | commutative |
| cyniferydd | quotient |
| cynyddol | increasing |
| cysylltedd | connectivity |
| cysylltiadedd | associativity |
| cysylltiadol | associative |
| cysylltiedig | connected |
| cytgroes | concurrent |
| dadelfeniad | decomposition |
| dargyfeirio | diverge |
| dargyfeiriol | divergent |
| datbygio | debug |
| datrysiad ymgais | candidate solution |
| deilliad | derivative |
| deilliad cyfeiriadol | directional derivative |
| deilliad rhannol | partial derivative |
| deulinol | bilinear |
| deurannol | bipartite |
| deusaethol | bijective |
| di-dor | continuous |
| diarffin | unbounded |
| dibyniaeth linol | linear dependence |
| dichonadwy | feasible |
| differadwy | differentiable |
| differadwy cymhlyg | complex differentiable |
| differadwy yn ddi-dor | continuously differentiable |
| differadwyedd | differentiability |
| digynnydd | non-increasing |
| dilyniant | sequence |
| dilysu | validation |
| dimensiwn | dimension |
| dirymiad | nullity |
| dirywiedig | degenerate |
| distadl | trivial |
| diweddbwynt | endpoint |
| dolen | loop (graph theory) |
| dosbarthedd | distributivity |
| dull canghenu ac arffiniau | branch and bound |
| dull disgyniad | decant method |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|---------------------------------|----------------------------------|
| dull hewristig | heuristic |
| dychweliad | recursion |
| dychweliadol | recursive |
| dyfnder | depth |
| efelychiad | simulation (object) |
| efelychu | simulation (process) |
| egwyddor gref anwythiad | strong principle of induction |
| ehangiad cyfres | series expansion |
| eil-ffwythiant | even function |
| eithafion | extrema |
| elips | ellipse |
| endomorfedd | endomorphism |
| enwadur | denominator |
| fector | vector |
| fector cyfesurynnau | coordinate vector |
| ffactor integru | integrating factor |
| ffactoriad | factorisation |
| ffin | boundary |
| ffinedig isod | bounded below |
| ffinedig uchod | bounded above |
| ffug-anelio | simulated annealing |
| ffug-haprif | pseudo-random number |
| ffurf cartesaid | cartesian form |
| ffurf echelon rhes gostyngol | reduced row echelon form |
| ffurf pegynlinol | polar form |
| ffwythiant | function |
| ffwythiant cyfeiliornad | error function |
| ffwythiant dosraniad cronrus | cumulative distribution function |
| ffwythiant dwysedd tebygolrwydd | probability density function |
| ffwythiant generadu | generating function |
| ffwythiant màs tebygolrwydd | probability mass function |
| fwythiannol | functional |
| geodesig | geodesic |
| gofod datrysiadau | solution space |
| gofod fector | vector space |
| gofod metrig | metric space |
| gorfychan | infinitesimal |
| gradd | degree |
| graff cyfeiriedig | directed graph |
| graff ymyl-pwysedig | edge-weighted graph |
| grŵp | group |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|-------------------------------|----------------------------------|
| gwaddod | residue |
| gwasgarog | sparse |
| gweithrediad | operation |
| gweithrediad deuaid | binary operation |
| gweithrediadau | operations |
| gwireb | axiom |
| gwireddu | verification |
| gwirilen | truth table |
| gwreiddiau un | roots of unity |
| gwrthddeilliad | antiderivative |
| gwrthddywediad | contradiction |
| gwrthdro | inverse |
| gwrthdroi-cyfeiriadaeth | orientation-reversing |
| gwrthgilio | backtracking |
| hafaledd | equality |
| hafaliad ategol | auxiliary equation |
| hafaliad differol gwahanadwy | separable differential equation |
| hafaliad gwahaniaeth-differol | differential-difference equation |
| hafaliad indecsol | indicial equation |
| hanerydd | bisect |
| hap-ddisgyniad | random decent |
| hapddigwyddiad | random event |
| hapnewidyn | random variable |
| haprif | random number |
| haprwydd | randomness |
| holomorffig | holomorphic |
| homogenaidd | homogeneous |
| homomorffedd | homomorphism |
| hyd | length |
| hynod | singular |
| hynodyn | singular point |
| hynodyn | singularity |
| hynodyn rheolaidd | regular singular point |
| integryn afreolaidd | improper integral |
| integryn amlin | contour integral |
| integryn triphlyg | triple integral |
| is-grŵp | subgroup |
| is-ofod | subspace |
| is-set | subset |
| isafbwynt | minimum point |
| isometreg | isometry |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|----------------------|-----------------------|
| isomorffig | isomorphic |
| lemma amcangyfrif | estimation lemma |
| lled | breadth |
| lleddf | minor |
| lleihaol | decreasing |
| llin canol | median (triangles) |
| llinelloli | linearise |
| llinol annibynnol | linearly independent |
| llinol ddibynnol | linearly dependent |
| lluosiad sgalar | scalar multiplication |
| lluosogrwydd | multiplicity |
| lluoswm mewdol | inner product |
| lluosydd | multiplier |
| llwybr | path |
| logistaidd | logistic |
| lŵn | lune |
| macsimwm | maximum |
| maes | field |
| mapiad | mapping |
| matrics | matrix |
| matrics cyfagosrwydd | adjacency matrix |
| matrics cymesur | symmetric matrix |
| matrics estynedig | augmented matrix |
| matrics unfathol | identity matrix |
| meidraidd | finite |
| meintiolydd | quantifier |
| meromorffig | meromorphic |
| mewn perthynas â | with respect to |
| mewngylch | inscribed circle |
| mewnoliadau | indentation |
| mewnsaethol | injective |
| mewnysgrifio | inscribe |
| minimwm | minimum |
| monoton | monotone |
| mymrwyl | arbitrary |
| n-blyg | n-tuple |
| n-cyfnodol | n-periodic |
| negyddiad | negation |
| newidyn | variable |
| nilpotent | nilpotent |
| od-ffwythiant | odd function |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|--------------------------------|-----------------------------|
| olin | trace |
| optimwm eang | global optimum |
| optimwm lleol | local optimum |
| paramedreiddiwch | parameterise |
| paramedriad | parameterisation |
| parau trefnedig | ordered pairs |
| parth | domain |
| parth integru | domain of integration |
| pedrant | quadrant |
| pegwn | pole |
| penrhif | principal value |
| perthynas ailadroddadwy | recurrence relation |
| perthynas cywerthedd | equivalence relation |
| plân | plane |
| prif arg | principle argument |
| prifoled | cardinality |
| problem dosbarthu adnoddau | resource allocation problem |
| problem trafnidiaeth | transportation problem |
| problem y dyn bost gwledig | rural postman problem |
| problem y dyn bost tsieineaidd | chinese postman problem |
| proses benderfynu markov | markov decision process |
| pwyt arferol | ordinary point |
| pwyt arhosol | stationary point |
| pwyt cynaniad | articulation point |
| pwyt ffurddro | saddle point |
| pwysolyn | weight (multiplier) |
| radical | radical |
| ranc | rank |
| rhaglennu dynamig | dynamic programming |
| rhaglennu llinol | linear programming |
| rhanbarth cysylltiedig syml | simply connected region |
| rhanbarth seren oleuol | starlit region |
| rhif cysefin | prime number |
| rhifau cymarebol | rational numbers |
| rhifau cymhlyg | complex numbers |
| rhifau real | real numbers |
| rhifiadur | numerator |
| rhychwant | span |
| rhychwantu | spanning |
| sail | basis |
| sero | zero |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|------------------------------|---------------------------------|
| sescwilinol | sesquilinear |
| set | set |
| set digyswllt | disjoint set |
| set gynhwysol | universal set |
| set pŵer | power set |
| sgiw-gymesur | skew-symmetric |
| sgiwedd | skewness |
| silindrog | cylindrical |
| stocastig | stochastic |
| suddfan | sink (graph theory) |
| tangiad | tangent |
| tarddbwynt | origin |
| tarddle | source (graph theory) |
| terfan | limit |
| theorem gwasgu | sandwich theorem |
| theorem sylfaenol calcwlws | fundamental theorem of calculus |
| theorem y gwerth canolraddol | intermediate value theorem |
| trachywriedd | precision |
| transitiffiaeth | transitivity |
| trawol | incident (graph theory) |
| trawsddodiad | transposition |
| trawsddodyn | transpose |
| trawssurf | transform |
| trawssurfiant llinol | linear transformation |
| trawsfudiad | translation |
| triongiant | triangulation |
| trionglog uchaf | upper triangular |
| trobwyt | turning point |
| trosaid | transitive |
| trogynol | transcendental |
| trynewidion | permutations |
| tynnu | subtraction |
| uchafbwynt | maximum point |
| unfathiant | identity |
| uniad | union |
| unigryw | unique |
| unllin | collinear |
| ymatblyg | reflexive |
| ymatblygedd | reflexivity |
| ymchwil weithrediadol | operational research |
| ymhlyg | implicit |

| <i>Cymraeg</i> | <i>Saesneg</i> |
|-----------------------|-----------------------|
| ymlediad | dilation |
| ymraniad | partition |
| ymylol | marginal |