English - Welsh

English	Welsh
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
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
bijective	deusaethol
bilinear	deulinol
binary operation	gweithrediad deuaidd
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	fforchio a chyfyngu
breadth	lled
candidate solution	datrysiad ymgais
cardinality	prifoledd
cartesian form	ffurf cartesaidd
chinese postman problem	problem y dyn bost tsieineaidd
circuit	cylchred
circumscribed circle	amgylch

English	Welsh
closedness	caeoldeb
closure	caefa
coefficient	cyfernod
collinear	unllin
combinatorial	cyfuniadol
comlex 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	gwrthddywediad
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
derivative	deilliad

English	Welsh
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	hafaledd
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
fundemental theorem of calculus	theorem sylfaenol calcwlws
generating function	ffwythiant generadu
geodesic	geodesig
global optimum	optimwm eang
group	grŵp
heuristic	dull hewristig

English	Welsh
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 mewnol
inscribe	mewnysgrifio
inscribed circle	mewngylch
integer	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
logistc	logistaidd
loop (graph theory)	dolen

English	Welsh	English	Welsh
lower bound	arffin isaf	orientation-reversing	gwrthdroi-cyfeiriadaeth
lune	lŵn	origin	tarddbwynt
mapping	mapiad	parameterisation	paramedriad
marginal	ymylol	parameterise	paramedreiddiwch
matching	cydweddiad	partial derivative	deilliad rhannol
matrix	matrics	partition	ymraniad
maximum	macsimwm	path	llwybr
maximum point	uchafbwynt	percentile	canradd
median	canolrif	permutations	trynewidion
median (triangles)	llin canol	phase curve	cromlin gwedd
meromorphic	meromorffig	plane	plân
metric space	gofod metrig	polar form	ffurf pegynlinol
minimum	minimwm	pole	pegwn
minimum point	isafbwynt	power set	set pŵer
minor	lleddf	precision	trachywriedd
monotone	monoton	prime number	rhif cysefin
multigraph	aml-graff	principal value	penrhif
multiplicity	lluosogrwydd	principle argument	prif arg
multiplier	lluosydd	probability density function	ffwythiant dwysedd tebygolrwydd
multiset	aml-set	probability mass function	ffwythiant màs tebygolrwydd
mutually exclusive	cydanghynhwysol	quadrant	pedrant
n-periodic	n-cyfnodol	quantifier	meintiolydd
n-tuple	n-blyg	quantile	cwantel
negation	negyddiad	quartile	chwartel
nilpotent	nilpotent	queueing	ciwio
non-decreasing	anleihaol	quotient	cyniferydd
non-degenerate	annirywiedig	radical	radical
non-empty	anwag	random decent	hap-ddisgyniad
non-increasing	digynnydd	random number	haprif
non-negative	annegatif	random variable	hapnewidyn
non-trivial	annistadl	range	amrediad
nonlinear	aflinol	rank	ranc
nullity	dirymiad	rational numbers	rhifau cymarebol
numerator	rhifiadur	real numbers	rhifau real
odd function	od-ffwythiant	reciprocal	cilydd
operation	gweithrediad	recurrance relation	perthynas ailadroddadwy
operational research	ymchwil weithrediadol	recursion	dychweliad
operations	gweithrediadau	recursive	dychweliadol
ordered pairs	parau trefnedig	reduced row echelon form	ffurf echelon rhes gostyngol
ordinary point	pwynt arferol	reflexive	ymatblyg
orientation-preserving	cadw-cyfeiriadaeth	reflexivity	ymatblygedd

English	Welsh
regular singular point	hynodyn rheolaidd
residue	gwaddod
resource allocation problem	problem dosbarthu adnoddau
reverse triangle inequality	anhafaledd triongl gwrthwyneb
rural postman problem	problem y dyn bost gwledig
saddle point	pwynt 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	efelychiad
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 sfferig
star centre	canol serennol
starlit region	rhanbarth seren oleuol
stationary point	pwynt 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

English	Welsh
tabu search	chwiliad tabŵ
tangent	tangiad
trace	olin
transcendental	trosgynnol
transform	trawsffurf
transitive	trosaidd
transitivity	transitifiaeth
translation	trawsfudiad
transportation problem	problem trafnidiaeth
transpose	trawsddodyn
transposition	trawsddodiad
triangle inequality	anhafaledd triongl
triangulation	triongliant
triple integral	integryn triphlyg
trivial	distadl
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
well defined	clir-ddiffiniedig
with respect to	mewn perthynas â
zero	sero

Cymraeg - Saesneg

Cymraeg	Saesneg
abel	abelian
adiad	addition
aflinol	nonlinear
amffinio	delimit
amgrwm	convex
amgrymedd	convexivity
amgylch	circumscribed circle
amgylchol	ambient
aml-graff	multigraph
aml-set	multiset
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	intractibility
anleihaol	non-decreasing
annegatif	non-negative
annibyniaeth linol	linear independence
annirywiedig	non-degenerate
annistadl	non-trivial
ansatz	ansatz
anwag	non-empty
anwlws	anulus
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
caefa	closure

Cymraeg	Saesneg
caeoldeb	closedness
canol serennol	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
cyfansawdd	composite
cyfathiant	congruency
cyferbwynt	antipode
cyfernod	coefficient
cyfesurynnau sfferig	spherical coordinates
cyfiau cymhlyg	comlex conjugate
cyflenwad	complement
cyfuniad llinol	linear combination
cyfuniadol	combinatorial
cylch uned	unit circle
cylchlwybr	cycle
cylchred	circuit
cymudedd	commutativity
cymudol	commutative

Cymraeg	Saesneg
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 disgyniad	decent method
dull hewristig	heuristic
dychweliad	recursion
dychweliadol	recursive
dyfnder	depth

Cymraeg	Saesneg
efelychiad	simulation
egwyddor gref anwythiad	strong principle of induction
ehangiad cyfres	series expansion
eil-ffwythiant	even function
eithafion	extrema
elips	ellipse
endomorffedd	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
fforchio a chyfyngu	branch and bound
ffug-anelio	simulated annealing
ffurf cartesaidd	cartesian form
ffurf echelon rhes gostyngol	reduced row echelon form
ffurf pegynlinol	polar form
ffwythiant	function
ffwythiant cyfeiliornad	error function
ffwythiant dosraniad cronnus	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
gwaddod	residue
gwasgarog	sparse
gweithrediad	operation
gweithrediad deuaidd	binary operation
gweithrediadau	operations

Cymraeg	Saesneg
gwireb	axiom
gwireddu	verification
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
hapnewidyn	random variable
haprif	random number
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
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

Cymraeg	Saesneg
lluosiad sgalar	scalar multiplication
lluosogrwydd	multiplicity
lluoswm mewnol	inner product
lluosydd	multiplier
llwybr	path
logistaidd	logistc
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
n-blyg	n-tuple
n-cyfnodol	n-periodic
negyddiad	negation
newidyn	variable
nilpotent	nilpotent
od-ffwythiant	odd function
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

Cymraeg	Saesneg
penrhif	principal value
perthynas ailadroddadwy	recurrance relation
perthynas cywerthedd	equivalence relation
plân	plane
prif arg	principle argument
prifoledd	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
pwynt arferol	ordinary point
pwynt arhosol	stationary point
pwynt cynaniad	articulation point
pwynt ffurfdro	saddle point
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
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

Cymraeg	Saesneg
tarddle	source (graph theory)
terfan	limit
theorem gwasgu	sandwich theorem
theorem sylfaenol calcwlws	fundemental theorem of calculus
theorem y gwerth canolraddol	intermediate value theorem
trachywriedd	precision
transitifiaeth	transitivity
trawol	incident (graph theory)
trawsddodiad	transposition
trawsddodyn	transpose
trawsffurf	transform
trawsffurfiant llinol	linear transformation
trawsfudiad	translation
triongliant	triangulation
trionglog uchaf	upper triangular
trobwynt	turning point
trosaidd	transitive
trosgynnol	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
ymlediad	dilation
ymraniad	partition
ymylol	marginal