English - Welsh

English	Welsh	English	Welsh
abelian	abel	coefficient	cyfernod
addition	adiad	collinear	unllin
adjacency matrix	matrics cyfagosrwydd	combinatorial	cyfuniadol
adjoint	atgyd	comlex conjugate	cyfiau cymhlyg
adjugate	atgydiol	commutative	cymudol
ambient	amgylchol	commutativity	cymudedd
analytic	analytig	complement	cyflenwad
antiderivative	gwrthddeilliad	complex numbers	rhifau cymhlyg
antipode	cyferbwynt	concave	ceugrwm
anulus	anwlws	concurrent	cytgroes
approximate	brasamcanu	congruency	cyfathiant
argument	arg	connected	cysylltiedig
articulation point	pwynt cynaniad	connectivity	cysylltedd
associative	cysylltiadol	conservative	cadwrol
associativity	cysylltiadedd	continuous	di-dor
augmented matrix	matrics estynedig	continuously differentiable	differadwy yn ddi-dor
axiom	gwireb	contour integral	integryn amlin
backtracking	gwrthgilio	contradiction	gwrthddywediad
basis	sail	converge	cydgyfeirio
bijective	deusaethol	convex	amgrwm
bilinear	deulinol	correlation	cydbethyniad
binary operation	gweithrediad deuaidd	cumulative distribution function	ffwythiant dosraniad cronnus
bipartite	deurannol	cycle	cylchlwybr
bisect	hanerydd	cylindrical	silindrog
bound	arffin	debug	datbygio
boundary	ffin	decent method	dull disgyniad
bounded above	ffinedig uchod	decomposition	dadelfeniad
bounded below	ffinedig isod	degenerate	dirywiedig
bracket	cromfach	degree	gradd
branch and bound	fforchio a chyfyngu	denominator	enwadur
breadth	lled	depth	dyfnder
candidate solution	datrysiad ymgais	derivative	deilliad
cardinality	prifoledd	diagonal	croeslin
cartesian form	ffurf cartesaidd	diagonalisability	croeslinedd
chinese postman problem	problem y dyn bost tsieineaidd	diagonalisable	croeslinadwy
circuit	cylchred	differentiability	differadwyedd
circumscribed circle	amgylch	differentiable	differadwy
closedness	caeoldeb (?)	dimention	dimensiwn
closure	caefa	directed graph	graff cyfeiriedig

English	Welsh
directional derivative	deilliad cyfeiriadol
discrete	arwahanol
disjoint set	set digyswllt
distributivity	dosbarthedd
diverge	dargyfeirio
domain	parth
domain of integration	parth integru
edge-weighted graph	graff ymyl-pwysedig
ellipse	elips
endomorphism	endomorffedd
endpoint	diweddbwynt
entire	cyfan
equality	hafaledd
equivalence relation	perthynas cywerthedd
estimation lemma	lemma amcangyfrif
extrema	eithafion
factorisation	ffactoriad
feasible	dichonadwy
field	maes
finite	meidraidd
function	ffwythiant
fundemental theorem of calculus	theorem sylfaenol calcwlws
generating function	ffwythiant generadu
geodesic	geodesig
global optimum	optimwm eang
group	grŵp
heuristic	dull hewristig
holomorphic	holomorffig
homogeneous	homogenaidd
homomorphism	homomorffedd
identity	unfathiant
identity matrix	matrics unfathol
incident (graph theory)	trawol
indentation	mewnoliadau
indicial equation	hafaliad indecsol
infinitesimal	gorfychan
injective	mewnsaethol
inner product	lluoswm mewnol
inscribed circle	mewngylch

English	Welsh
integer	cyfanrif
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 transformation	trawsffurfiant llinol
linearly dependent	llinol ddibynnol
linearly independent	llinol annibynnol
local optimum	optimwm lleol
logistc	logistaidd
loop (graph theory)	dolen
lower bound	arffin isaf
lune	lŵn
mapping	mapiad
marginal	ymylol
matching	cydweddiad
matrix	matrics
maximum	uchafbwynt
median	canolrif
median (triangles)	llin canol
meromorphic	meromorffig
metric space	gofod metrig
minimum	isafbwynt
minor	lleddf
monotone	monoton
multigraph	aml-graff
multiplicity	lluosogrwydd
multiplier	lluosydd
multiset	aml-set

English	Welsh	
mutually exclusive	cydanghynhwysol	
n-periodic	n-cyfnodol	
n-tuple	n-blyg	
non-degenerate	annirywiedig	
non-empty	anwag	
non-trivial	annistadl	
nullity	dirymiad	
numerator	rhifiadur	
operation	gweithrediad	
operational research	ymchwil weithrediadol	
operations	gweithrediadau	
ordered pairs	parau trefnedig	
origin	tarddbwynt	
parameterisation	paramedriad	
parameterise	paramedreiddiwch	
partial derivative	deilliad rhannol	
partition	ymraniad	
path	llwybr	
percentile	canradd	
permutations	trynewidion	
phase curve	cromlin gwedd	
plane	plân	
polar form	ffurf pegynlinol	
pole	pegwn	
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	
quadrant	pedrant	
quantile	cwantel	
quartile	chwartel	
quotient	cyniferydd	
radical	radical	
random decent	hap-ddisgyniad	
random number	haprif	
range	amrediad	
rank	ranc	

English	Welsh	
rational numbers	rhifau cymarebol	
real numbers	rhifau real	
reciprocal	cilydd	
recurrance relation	perthynas ailadroddadwy	
recursive	dychweliadol	
reduced row echelon form	-	
reflexive	ffurf echelon rhes gostyngol	
	ymatblyg	
reflexivity	ymatblygedd	
residue	gwaddod	
reverse triangle inequality	anhafaledd triongl gwrthwyneb	
rural postman problem	problem y dyn bost gwledig	
saddle point	pwynt ffurfdro	
scalar multiplication	lluosiad sgalar	
sequence	dilyniant	
series expansion	ehangiad cyfres	
sesquilinear	sescwilinol	
set	set	
simply connected region	rhanbarth cysylltiedig syml	
simulated annealing	ffug-anelio	
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	
star centre	canol serennol	
starlit region	rhanbarth seren oleuol	
stationary point	pwynt arhosol	
strong principle of induction	egwyddor gref anwythiad	
subgroup	is-grŵp	
subset	is-set	
subspace	is-ofod	
subtraction	tynnau	
surface	arwyneb	
surjective	arsaethol	
an jeenve	arsactiful	

English	Welsh	
symmetric matrix	matrics cymesur	
tabu search	chwiliad tabŵ	
tangent	tangiad	
trace	olin	
transcendental	trosgynnol	
transform	trawsffurf	
transitivity	transitifiaeth	
transpose	trawsddodyn	
transposition	trawsddodiad	
triangle inequality	anhafaledd triongl	
triangulation	triongliant	
turning point	trobwynt	
unbounded	diarffin	
union	uniad	
unique	unigryw	
universal set	set gynhwysol	
upper bound	arffin uchaf	
upper triangular	trionglog uchaf	
variable	newidyn	
vector	fector	
vector space	gofod fector	
well defined	clir-ddiffiniedig	
zero	sero	

Cymraeg - Saesneg

Cymraeg	Saesneg	Cymraeg	Saesneg
abel	abelian	cnewyllyn	kernal
adiad	addition	coeden rhychwantu	spanning tree
amgrwm	convex	croeslin	diagonal
amgylch	circumscribed circle	croeslinadwy	diagonalisable
amgylchol	ambient	croeslinedd	diagonalisability
aml-graff	multigraph	croestoriad	intersection
aml-set	multiset	cromfach	bracket
amrediad	range	cromlin gwedd	phase curve
analytig	analytic	cwantel	quantile
anhafaledd triongl	triangle inequality	cwrtosis	kurtosis
anhafaledd triongl gwrthwyneb	reverse triangle inequality	cyd-ddosraniad	joint distribution
anhydrin	intractable	cydanghynhwysol	mutually exclusive
anhydrinedd	intractibility	cydbethyniad	correlation
annibyniaeth linol	linear independence	cydgyfeirio	converge
annirywiedig	non-degenerate	cydweddiad	matching
annistadl	non-trivial	cyfan	entire
anwag	non-empty	cyfanrif	integer
anwlws	anulus	cyfathiant	congruency
arffin	bound	cyferbwynt	antipode
arffin isaf	lower bound	cyfernod	coefficient
arffin uchaf	upper bound	cyfiau cymhlyg	comlex conjugate
arg	argument	cyflenwad	complement
arsaethol	surjective	cyfuniad llinol	linear combination
arwahanol	discrete	cyfuniadol	combinatorial
arwyneb	surface	cylchlwybr	cycle
atgyd	adjoint	cylchred	circuit
atgydiol	adjugate	cymudedd	commutativity
brasamcanu	approximate	cymudol	commutative
cadwrol	conservative	cyniferydd	quotient
caefa	closure	cysylltedd	connectivity
caeoldeb (?)	closedness	cysylltiadedd	associativity
canol serennol	star centre	cysylltiadol	associative
canolrif	median	cysylltiedig	connected
canradd	percentile	cytgroes	concurrent
ceugrwm	concave	dadelfeniad	decomposition
chwartel	quartile	dargyfeirio	diverge
chwiliad tabŵ	tabu search	datbygio	debug
cilydd	reciprocal	datrysiad ymgais	candidate solution
clir-ddiffiniedig	well defined	deilliad	derivative

Cymraeg	Saesneg	
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 yn ddi-dor	continuously differentiable	
differadwyedd	differentiability	
dilyniant	sequence	
dimensiwn	dimention	
dirymiad	nullity	
dirywiedig	degenerate	
diweddbwynt	endpoint	
dolen	loop (graph theory)	
dosbarthedd	distributivity	
dull disgyniad	decent method	
dull hewristig	heuristic	
dychweliadol	recursive	
dyfnder	depth	
egwyddor gref anwythiad	strong principle of induction	
ehangiad cyfres	series expansion	
eithafion	extrema	
elips	ellipse	
endomorffedd	endomorphism	
enwadur	denominator	
fector	vector	
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	

Cymraeg	Saesneg	
ffwythiant	function	
ffwythiant dosraniad cronnus	cumulative distribution function	
ffwythiant dwysedd tebygolrwydd	probability density function	
ffwythiant generadu	generating function	
ffwythiant màs tebygolrwydd	probability mass function	
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	
gwireb	axiom	
gwrthddeilliad	antiderivative	
gwrthddywediad	contradiction	
gwrthdro	inverse	
gwrthgilio	backtracking	
hafaledd	equality	
hafaliad indecsol	indicial equation	
hanerydd	bisect	
hap-ddisgyniad	random decent	
haprif	random number	
holomorffig	holomorphic	
homogenaidd	homogeneous	
homomorffedd	homomorphism	
hyd	length	
hynodyn	singularity	
integryn amlin	contour integral	
is-grŵp	subgroup	
is-ofod	subspace	
is-set	subset	
isafbwynt	minimum	

Cymraeg	Saesneg	Cymraeg	Saesneg
isometreg	isometry	pedrant	quadrant
isomorffig	isomorphic	pegwn	pole
lemma amcangyfrif	estimation lemma	penrhif	principal value
lled	breadth	perthynas ailadroddadwy	recurrance relation
lleddf	minor	perthynas cywerthedd	equivalence relation
llin canol	median (triangles)	plân	plane
llinol annibynnol	linearly independent	prif arg	principle argument
llinol ddibynnol	linearly dependent	prifoledd	cardinality
lluosiad sgalar	scalar multiplication	problem y dyn bost gwledig	rural postman problem
lluosogrwydd	multiplicity	problem y dyn bost tsieineaidd	chinese postman problem
lluoswm mewnol	inner product	pwynt arhosol	stationary point
lluosydd	multiplier	pwynt cynaniad	articulation point
llwybr	path	pwynt ffurfdro	saddle point
logistaidd	logistc	radical	radical
lŵn	lune	ranc	rank
maes	field	rhanbarth cysylltiedig syml	simply connected region
mapiad	mapping	rhanbarth seren oleuol	starlit region
matrics	matrix	rhif cysefin	prime number
matrics cyfagosrwydd	adjacency matrix	rhifau cymarebol	rational numbers
matrics cymesur	symmetric matrix	rhifau cymhlyg	complex numbers
matrics estynedig	augmented matrix	rhifau real	real numbers
matrics unfathol	identity matrix	rhifiadur	numerator
meidraidd	finite	rhychwant	span
meromorffig	meromorphic	rhychwantu	spanning
mewngylch	inscribed circle	sail	basis
mewnoliadau	indentation	sero	zero
mewnsaethol	injective	sescwilinol	sesquilinear
monoton	monotone	set	set
n-blyg	n-tuple	set digyswllt	disjoint set
n-cyfnodol	n-periodic	set gynhwysol	universal set
newidyn	variable	sgiw-gymesur	skew-symmetric
olin	trace	sgiwedd	skewness
optimwm eang	global optimum	silindrog	cylindrical
optimwm lleol	local optimum	suddfan	sink (graph theory)
paramedreiddiwch	parameterise	tangiad	tangent
paramedriad	parameterisation	tarddbwynt	origin
parau trefnedig	ordered pairs	tarddle	source (graph theory)
parth	domain	terfan	limit
parth integru	domain of integration	theorem sylfaenol calcwlws	fundemental theorem of calculus

Cymraeg	Saesneg
trachywriedd	precision
transitifiaeth	transitivity
trawol	incident (graph theory)
trawsddodiad	transposition
trawsddodyn	transpose
trawsffurf	transform
trawsffurfiant llinol	linear transformation
triongliant	triangulation
trionglog uchaf	upper triangular
trobwynt	turning point
trosgynnol	transcendental
trynewidion	permutations
tynnau	subtraction
uchafbwynt	maximum
unfathiant	identity
uniad	union
unigryw	unique
unllin	collinear
ymatblyg	reflexive
ymatblygedd	reflexivity
ymchwil weithrediadol	operational research
ymraniad	partition
ymylol	marginal