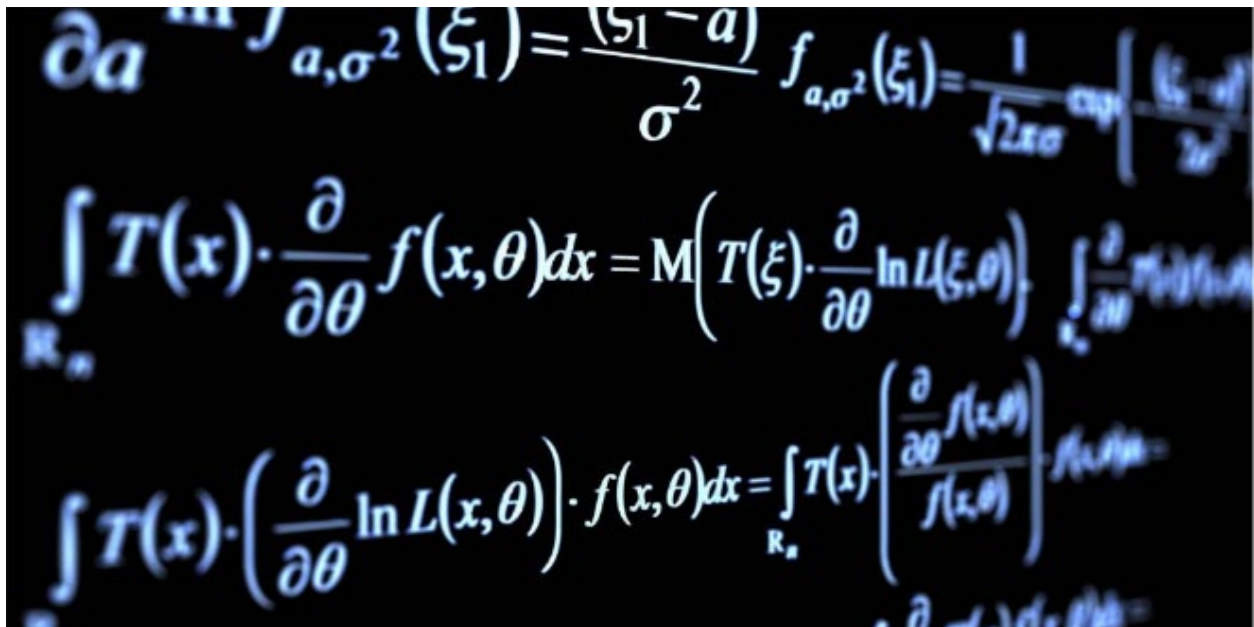


Calculus Glossary

High School Level



The image shows a chalkboard with several mathematical formulas written in white chalk. The formulas are related to probability theory and calculus, specifically focusing on the relationship between the expected value of a function of a random variable and the derivative of the log-likelihood function.

$$\frac{\partial}{\partial a} f_{a, \sigma^2}(\xi_1) = \frac{(\xi_1 - a)}{\sigma^2} f_{a, \sigma^2}(\xi_1) = \frac{1}{\sqrt{2\pi\sigma}} \exp\left\{-\frac{(\xi_1 - a)^2}{2\sigma^2}\right\}$$
$$\int_{\mathcal{R}_x} T(x) \cdot \frac{\partial}{\partial \theta} f(x, \theta) dx = M\left(T(\xi) \cdot \frac{\partial}{\partial \theta} \ln L(\xi, \theta)\right)$$
$$\int_{\mathcal{R}_x} T(x) \cdot \left(\frac{\partial}{\partial \theta} \ln L(x, \theta)\right) \cdot f(x, \theta) dx = \int_{\mathcal{R}_x} T(x) \cdot \left(\frac{\frac{\partial}{\partial \theta} f(x, \theta)}{f(x, \theta)}\right) \cdot f(x, \theta) dx$$

English - Haitian



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CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
A	
abridged division	divizyon abreje
abridged multiplication	miltiplikasyon abreje
abridged notation	notasyon abreje
abridged proof	prèv abreje
abscissa of absolute convergence	absis konvèjans absoli
abscissa of convergence	absis konvèjans
absolute continuity	kontinuite absoli
absolute convergence	konvèjans absoli
absolute differential	diferansyèl absoli
absolute error	erè absoli
absolutely convergent series	seri absoliman konvèjan
abstract number	nonm abstrè
accelerating convergence	konvèjans kwasan
addition of ordinates	adisyon òdone
adjacent vertices	somè adjasan
adjoining figure	figi jeometrik adjasan
adjoining rectangles	rektang adjasan
adjoining Venn diagram	dyagram Venn ki adjasan
adjoint determinant	detèminan adjwen
adjusted proportionally	ajiste pwopòsyonèlman
admissible error	erè admisib
advance estimate	estimasyon preliminè
algebraic cone	kòn aljebrik
algebraic spiral	espiral aljebrik
algebraically complete	aljebrayikman konplè
alternate determinant	lòt detèminan
alternate function	lòt fonksyon
alternate notation	lòt notasyon
alternating method	lòt metòd
alternating positive and negative	altènans pozitif ak negatif
alternation series	seri altènans
alternative formula	lòt fòmil
alternative symbolism	lòt senbolis
ambiguous	anbigi
ambiguous data	done anbigi
amplitude of a periodic function	anplitid yon fonksyon peryodik
amplitude of function	anplitid fonksyon
analogue	analojik
analogue calculator	kalkilatis analogik
analogue multiplier	miltiplikatè analogik
analytic curve	koub analitik
angle of incidence	ang ensidans
angle of inclination	ang enklinezon
angle of parallelism	ang paralelis
angle of reflection	ang refleksyon
anharmonic ratio	rapò anamonik, birapò

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
anticommutative property	pwopriyete antikomitativite
antiderivative	primitiv (yon fonksyon)
antidifferential	antidiferansyèl
anti-isomorphism	antiisomòfis
antilogarithm	antilogarit
approach a limit	pwoche yon limit
approximate continuity	kontinuite apwoksimatif
approximate convergence	konvèjans apwoksimatif
approximate expansion	espansyon apwoksimatif
approximate integration	entegrasyon apwoksimatif
approximate the norm	fè apwoksimasyon nòm lan
approximately continuous	apwoksimativman kontini
approximating function	apwoksimasyon fonksyon
approximation by least squares	apwoksimasyon pa kare ki pi piti yo
approximation in the mean	apwoksimasyon nan mwayèn lan
arbitrary function	fonksyon abitè
arbitrary parameter	paramèt abitè
arbitrary sequence	sekans abitè
arcsec function	fonksyon asèk
arcsin function	fonksyon asin
arctan function	fonksyon atan
arithmetic progression	pwogresyon aritmetik
arithmetic series	seri aritmetik, suit aritmetik
arithmetical series	seri aritmetik, suit aritmetik
array	aranjman, tablo, gwoupman
assertion	deklarasyon
associative axiom	aksyòm asosiyatif
astroid	astwoyid
asymmetrical step function	fonksyon mach eskalye asimètrik
asymptotic	asenptotik
asymptotic circle	koub asenptotik
asymptotic approximation	apwoksimasyon asenptotik
asymptotic convergence	konvèjans asenptotik
asymptotic curvature	koubi asenptotik
asymptotic characteristic	karakteristik asenptotik
asymptotic series	seri asenptotik
asymptotically equal	asenptotikman egal
asymptotically equivalent	asenptotikman ekivalan
augmented matrix	andomòfis afin, matris ogmante
automorphic	otomòf
automorphic function	fonksyon otomòf
automorphism	otomòfis
auxiliary circle	sèk oksilyè
auxiliary variable	varyab oksilyè
axiom of comparison	aksyòm konparezon
axiomatic	aksyomatik
axioms of order	aksyòm lòd

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
B	
basis vector	vektè baz
binomial differential	diferansyèl binomyal
binomial distribution	distribisyon binomyal
binomial series	seri binomyal
binomial theorem	teyorèm binòm
biorthogonal	biòtogonal
bisecant	bisekant
block of digits	blòk chif
Boolean expression	espresyon bouleyen
Boolean algebra	aljèb bouleyen
Boolean factor	faktè bouleyen
bound	bòne, limite
bound for the magnitude	limite pou mayitid la
boundary	limit, fwontyè
boundary line	liy limit, liy fwontyè
boundary complex	konplèks limit
boundary maxima and minima	limit estremòm, fwontyè estremòm
boundary of half-plane	limit demi plan
bounded	bòne, limite
bounded above	bòne pa anwo, limite pa anwo
bounded below	bòne pa anba, limite pa anba
bounded interval	limit
Briggsian logarithm	logarit Brigz (Briggs)
C	
calculus	kalkil
cardioid	kadiwoyid
center of curvature	sant koubi
central difference interpolation	entèpolasyon diferans santral
central quadric	kwadrik karakteristik
characteristic function	fonksyon karakteristik
characteristic cone	kòn karakteristik
characteristic constant	konstant karakteristik
characteristic curve	koub karakteristik
characteristic determinant	detèminan karakteristik
characteristic equation	ekwasyon karakteristik
closed interval	entèval fèmen
coefficient matrix	matris koefisyan
coefficient of correlation	koefisyan korelasyon
cofactor	kofaktè
coincidence	kowensidans
coincidence number	nonm kowensidan
coincident lines	liy kowensidan
colatitude	kolatitid
cologarithm	kologarit

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
column matrix	matris kolòn
column vector	vektè kolòn
common ratio	rezon, konstant
common difference	rezon, konstant
common divisor	divizè komen
common or Briggsian logarithms	logarit desimal osnon logarit Brigz (Briggs)
comparison function	fonksyon konparezon
complement of set	konpleman ansanm
complete integrability	entegrabilite konplè
complete integral	entegral konplè
complete limit	limit konplè
completeness	konpletid
completeness of axiom systems	konpletid sistèm aksyòm
complex integration	entegrasyon konplè
complex series	seri konplè
components of a vector	konpozan yon vektè
composite determinant	detèminan konpoze
composite matrix	matris konpoze
composition of probabilities	konpozisyon pwobabilite
composition of vectors	konpozisyon vektè
concave downward	konkav pa anba
concave upward	konkav pa anwo
conchoid	konkoyid
condition of integrability	kondisyon entegrabilite
conditional convergence	konvèjans kondisyonèl
conditional probability	pwobabilite kondisyonèl
conditionally convergent	kondisyonèlman konvèjan
conditionally convergent series	seri kondisyonèlman konvèjan
conic	konik
conic section	seksyon konik
conic projection	pwojeksyon konik
conic with center	konik ak sant
conic without center	konik san sant
conical function	fonksyon konik
conical point	pwen konik
conicoid	konoyid
conjugate points	pwen konjige
conjugate angle	ang konjige
conjugate arc	ak konjige
conjugate axis	aks konjige
conjugate conics	konik konjige
conjugate curves	koub konjige
conjugate hyperbolas	ipèbòl konjige
conjugate hyperboloids	ipèboloyid konjige
conjugate imaginary	imajinè konjige
conjugate lines	dwat konjige
conjugate lines in a conic	dwat konjige nan yon konik
conjugate matrix	matris konjige

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
conjugate of function	konjige yon fonksyon
conjugate pairs	pè konjige
conjugate radicals	radikal konjige
consecutive points	pwen konsekitif
consistency of linear equation	konsistans ekwasyon lineyè
consistent	konsistan
constant polynomial	polinòm konstan
constant of integration	konstant entegrasyon
constrained extreme value	valè estrèm limite
constrained maxima and minima	estremòm limite
continuity	kontinuite
continuity from above	kontinuite pa anlè
continuity from below	kontinuite pa anba
continuous arc	ak kontini
continuous convergence	konvèjans kontini
continuous curve	koub kontini
continuous function	fonksyon kontini
continuous integral	entegral kontini
continuous variable	varyab kontini
continuously differentiable function	fonksyon kontinyèlman derivab
continuum	kontinyòm
convergence	konvèjans
convergence domain	domèn konvèjans
convergence from above	konvèjans pa anlè
convergence from below	konvèjans pa anba
convergence in mean	konvèjans nan mwayèn
convergent	konvèjan
convergent geometric series	seri jeometrik konvèjan
convergent integral	entegral konvèjan
convergent sequence	sekans konvèjan
convergent series	seri konvèjan
conversion equations	ekwasyon konvèsyon
convex domain	domèn konvèks
convex region	rejyon konvèks
convexity	konveksite
coplanar vector	vektè koplanè
coprime	kopremye
core	nwayo
correlation function	fonksyon korelasyon
cross product	pwodui vektoryèl, pwodui kwaze
cosine integral	entegral kosinis
counterexample	kontegzanp
critical point	pwen kritik
critical value of function	valè kritik fonksyon
cross line	dwat kwaze
cross ratio	rapò kwaze
crossing zero	pase nan pwen zewo
crystallographic axes	aks kristalografik

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
crystallographic group	gwoup kristalografik
cubic convergence	konvèjans kibik
cubic curve	koub kibik
cubic equation	ekwasyon kibik
cubic function	ekwasyon kibik
cubic polynomial	polinòm kibik
cubic surface	sifas kibik
cuboid	kiboyid
curvature	koub, koubi
curvature invariant	envaryan koubi
curvature of graph	koub grafik
curvature of a conic	koub yon konik
curvature vector	vektè koub
curve of distribution	koub distribisyon
cuspid	fwons
cycloid	sikloyid
cyclotomic	siklotomik
cylinder	silenn
cylindrical coordinates	koòdone silendrik
cylindrical helix	eliks silendrik
cylindrical polar coordinate	koòdone polè silendrik
cylindrical projection	pwojeksyon silendrik
cylindrical shell	koki silendrik
D	
De Moivre's Theorem	Teyorèm de Mwav (de Moivre)
decay	dezentegrasyon
decomposition	dekonpozisyon
decreasing degree	degre dekwasan
decreasing function	fonksyon dekwasan
decreasing series	seri dekwasan
decreasing sequence	sekans dekwasan
deductive logic	lojik dediktif
define implicitly	defini enplisitman
definite integral	entegral defini
degenerate	dejenere
degenerate variables	varyab dejenere
degenerate conic	konik dejenere
degenerate critical point	pwen kritik dejenere
degenerate differential equation	ekwasyon diferansyèl dejenere
degenerated curve	koub dejenere
degree of convergence	degre konvèjans
degree of freedom	degre libète
demand matrix	matris demann
denotation	denotasyon
dense everywhere	dans tout kote
denumerable	denonbrab
denying premise	negasyon premis

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
dependent variable	varyab depandan
dependent random event	evénman aleyatwa depandan
derivate	derive
derivation of algebra	derivasyon aljèb
derivative	derive
derivative discontinuity	diskontinuite derive
derivative on the left	derive a goch
derivative on the right	derive a dwat
derivative order	lòd derive
derivatives of higher order	derive wo degre
derived curve	koub derive
derived equation	ekwasyon derive
Descartes' rule of signs	règ siy Dekat (Descartes)
determinant divisor	divizè detèminan
determinant rank	ran detèminan
determinant factor	faktè detèminan
determinant of coefficient	detèminan koefisyan
determinant of transformation	detèminan transfòmasyon
determinantal	detèminan
determinantal expansion	espansyon detèminan
determinate	detèmine
diagonal element	eleman dyagonal
diagonal coefficients	koefisyan dyagonal
differentiability	derivabilite
differentiable	diferansyab
differentiable curve	koub diferansyab
differentiable function	fonksyon diferansyab
differential	diferansyèl
differential and integral calculus	kalkil diferansyèl ak kalkil entegral
differential equation	ekwasyon diferansyèl
differential equation of first order	ekwasyon diferansyèl premye degre
differential equation of higher order	ekwasyon diferansyèl (pi) wo degre
differential expression	espresyon diferansyèl
differential calculus	kalkil diferansyèl
differential coefficient	koefisyan diferansyèl
differential divisor	divizè diferansyèl
differential of arc	diferansyèl ak
differential of area	diferansyèl sifas
differential polynomial	polinòm diferansyèl
differentiate	diferansye
differentiating operator	operatè diferansyasyon
differentiation	diferansyasyon
differential-integral equation	ekwasyon diferansyèl-entegral
digital integration	entegrasyon nimerik
dimensions of matrix	dimansyon matris
directed tangent	tanjant oryante
directed segment	segman oryante
directed tangent line	dwat tanjant oryante

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
direction angle	ang direksyon
direction component	konpozan direksyon
direction reversal	envèsyon direksyon
direction vector	vektè sans
direction coefficient	koefisyan direksyon
direction cosine	kosinis direktè
direction numbers	nonm direksyon
directional derivative	derive direksyonèl
directrix	direktris
discarding finite numbers	elimine nonm fini
discontinuity	diskontinuite
discontinuous	diskontini
discontinuous distribution	distribisyon diskontini
discontinuous function	fonsyon diskontini
disjoint sequences	sekans dijwen
displacement	deplasman
displacement of n units to the left	deplasman n inite vè lagoch
distinct limits	limit disten
distinct elements	eleman disten
divergence	divèjans
divergent	divèjan
divergent arbitrarily large	divèjan abitèman gran
divergent series	seri divèjan
dot product	pwodui eskalè
double cusp	kispid doub
double series	seri doub
double-angle identity	idantite ang doub
double ratio	rapò doub
dummy variable	varyab nominal
E	
eccentric angle	ang eksantrik
eccentric circle	sèk eksantrik
eccentricity	eksantrisite
eigenvalue	valè pwòp
eight-leaved rose curve	wozas ak uit petal
element of matrix	eleman matris
element of the integral	eleman entegral la
ellipse	elips
ellipsoid	elipsoyid
ellipsoid of revolution	elipsoyid revolisyon
elliptic	eliptik
elliptic cylinder	silenn eliptik
elliptic cone	kòn eliptik
elliptic paraboloid	paraboloyid eliptik
entry	antre
equilateral hyperbola	ipèbòl ekilateral
equilibrium	ekilib

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
equivalence class	klas ekivalans
equivalent sequences	sekans ekivalan
error correction	koreksyon erè
error estimate	estimasyon erè
excenter of a triangle	sant yon sèk sikonskri parapò ak yon triyang
escribe	egzenskri
escribed circle	sèk egzenskri
Euler circle	sèk Elè (Euler)
Euler line	dwat Elè (Euler)
Euler's equation	ekwasyon Elè (Euler)
even function	fonksyon pè
even-numbered terms	tèm ki gen nonm pè nan yo
exact differential	diferansyèl egzak
excircle	sèk egzenskri
exclusive	esklizif
exclusive events	evénman esklizif
exhaustion	egzostyon
expanded form	fòm devlope
expansion in series	espansyon an seri
expansion of a determinant	espansyon yon detèminan
expected revenue	revni eskonte, resèt eskonte
expected value	valè eskonte
exponential series	seri esponansyèl
exponential decay	dekwasans esponansyèl
exterior product	pwodui esteryè
external ratio	rapò estèn
extreme value theorem	teyorèm valè estrèm
F	
finite discontinuity	diskontinuite fini
finite progression	progression fini
finite sequence	sekans fini
finite series	seri fini
first derivation	premye derivasyon
first integral	premye entegral
five-leaved rose curve	wozas ak senk petal
focal axis	aks fokal
focal chord	kòd fokal
focal circle	sèk fokal
focal conic	konik fokal
focal distance	distans fokal
focal ellipse	elips fokal
focal radius	reyon fokal
focoid	fokoyid
folium	folyòm
formal axiomatics	aksyomatik fòmèl
frequency of occurrence	frekans yon bagay rive
frustum	twon

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
frustum of a cone	twon yon kòn
frustum of a pyramid	twon yon piramid
function of dispersion	fonskyon dispèsyon
functional limit	limit fonskyon, limit fonskyonèl
fundamental direction vector	vektè sans fondamantal
fundamental lemma	lèm fondamantal
G	
Gaussian Elimination	eliminasyon gosyen
general derivative	derive jeneral
generalized limit	limit jeneralize
generalized theorem of mean	teyorèm jeneralize pou akwasman fini
generator	jeneratè
generator of cylinder	jeneratè silenn
geometric means	mwayèn jeometrik
geometric progression	pwogresyon jeometrik
geometric projection	pwojeksyon jeometrik
geometrical series	seri jeometrik
geometry of the sphere	jeometri esfè
gradient	gradyan
gradient vector	vektè gradyan
graphical integration	entegrasyon grafik
greatest lower bound	pi gwo limit enferyè
grid	gri
group theory	teyori gwoup
gyrate	tounwaye
gyration	jirasyon
H	
half-open interval	entèval mwatye ouvri
half-angle identities	idantite demi ang
harmonic	amonik
harmonic mean	mwayèn amonik
harmonic motion	mouvman amonik
harmonic progression	pwogresyon amonik
harmonic ratio	rapò amonik
harmonic series	seri amonik
helicoid	elikoyid
helix	elis
hemicontinuous	emikontini
hemisphere	emisfè
heterogeneous	etewojèn
higher derivative	derive (pi) wo degre
homogeneity	omojeneyite
homogeneous	omojèn
homogeneous equation	ekwasyon omojèn
homogeneous linear equation	ekwasyon lineyè omojèn
hyperbolic cosine	kosinis ipèbolik

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
hyperbolic paraboloid	paraboloyid ipèbolik
hyperbolic spiral	espiral ipèbolik
hyperboloid	ipèboloyid
hypothetical models	modèl ipotetik
I	
icosahedron	ikosayèd
identity function	fonsyon idantite, aplikasyon idantite
identity mapping	aplikasyon idantik
identity matrix	matris inite
identity matrix of order n	matris inite lòd n
imaginary ellipsoid	elipsoyid imajinè
imaginary intersection	entèseksyon imajinè
imaginary part	pati imajinè
imaginary sphere	esfè imajinè
immediate integration	entegrasyon imedya
immediate vicinity	vwavinaj imedya
immediate inference	enferans imedya
immediate predecessor	predesèsè imedya
immediate successor	siksesè imedya
implicit definition	definisyon enplisit
implicit function	fonksyon enplisit
implicit difference equations	ekwasyon diferans enplisit
implicit differentiation	diferansyasyon enplisit
implicit method	metòd enplisit
improper conic	konik enpwòp
improper integral	entegral enpwòp
improper maximum	maksimòm enpwòp
improper minimum	minimòm enpwòp
improper quadric	kwadrik enpwòp
improper subset	souzansanm enpwòp
inaccessible number	nonm inaksèsib
incidence matrix	matris ensidans
inclination of line	enklinezon dwat
inclined plane	plan encline
increase steadily	ogmantasyon konstan
increase without bound	ogmante san limit
indefinite integration	entegrasyon endefini
indeterminate forms	fòm endetèmine
index of summation	endèks somasyon
indicated limit	limit yo montre a
indirect differentiation	diferansyasyon endirèk
induction hypothesis	ipotèz endiksyon
inertial coordinates	koòdone inèsyèl
infinite determinant	detèminan enfini
infinite dimensional	(ki gen) dimansyon enfini
infinite discontinuity	diskontinuite enfini
infinite integral	entegral enfini

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
infinite point	pwen enfini
infinite quantity	kantite enfini
infinite sequence	sekans enfini
infinite series	seri enfini
infinite trigonometric series	seri trigonometrik enfini
infinitely near	enfiniman pre
infinitely near points	pwen ki enfiniman pre
infinitely great	enfiniman gran
infinitely small	enfiniman piti
infinitesimal	enfinitesimal
infinitesimal element	eleman enfinitesimal
infinity	enfinite
inflection	enfleksyon
inflection point	pwen enfleksyon
initial column	kolòn inisyal
initial point	pwen inisyal
initial velocity vector	vektè vitès inisyal
inner derivation	derivasyon entèn
inner product	pwodui eskalè
input coefficient	koefisyan antre
input-output matrix	matris antre-soti
inscribed polyhedron	poliyèd enskri
inscribed prism	pris enskri
inscribed square	kare enskri
instantaneous velocity	vitès esnantane
integrability	entegrabilite
integrable	entegrab
integrable function	fonksyon entegrab
integral curve	koub entegral
integral invariant	envaryan entegral
integral operation	operasyon entegral
integral inequality	inekwasyon entegral
integral calculus	kalkil entegral
integral constant	konstant entegral
integral differential equation	ekwasyon diferansyèl entegral
integral differential operation	operasyon diferansyèl entegral
integral multiple	miltip entegral
integralization	entegralizasyon
integrand	fonksyon (y ap) entegre a
integrating factor	faktè entegran
integration	entegrasyon
integration by substitution	entegrasyon pa sibstitisyon
integration by partial fraction	entegrasyon pa fraksyon pasyèl
integration by parts	entegrasyon pa pati
integration constant	konstant entegrasyon
interchanging coordinates	koòdone entèchanjab
intermediate value theorem	teyorèm valè entèmedyè
intermediate convergent	konvèjan entèmedyè

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
intermediate differential	diferansyèl entèmedyè
intermediate variables	varyab entèmedyè
interpolation by central difference	entèpolasyon pa diferans santral
interrelationship	korelasyon, relasyon
intersection of solution sets	entèseksyon ansanm solisyon
invariant	envaryan
invariant under rotation	envaryan sou efè wotaston
invariant integral	entegral envaryan
inverse circular function	fonksyon sikilè envès
inverse matrix	matris envès
inverse operator	operatè envès
inverse rotations	wotasyon envès
inverted sequence	sekans envèse
invertible matrix	matris revèsab
involute	devlopant
involute of circle	devlopant sèk
irreducible over F	irediktib sou F
irregular region	rejyon iregilye
iterated integral	entegral itere
J-L	
joint occurrence	evénman konjwen, ki rive ansanm
Lagrange's interpolation formula	fòmil entèpolasyon Lagranj (Lagrange)
Lagrange multiplier	miltiplikatè Lagranj (Lagrange)
lattice	treji, rezo
leading term	tèm ki a goch, tèm pi wo degre
least square method	metòd pi piti kare
least limit	pi piti limit
left continuous function	fonksyon kontini sou bò goch
left derivative	derive sou bò goch
left-hand continuity	kontinuite sou bò goch
left-hand derivative	derive sou bò goch
left limit	limit sou bò goch
left-hand limit	limit sou bò goch
left-handed system	sistèm sou bò goch
lemniscate	lemniskat Bènouli (Bernoulli)
limacon	limason Paskal (Pascal)
limit	limit
limit of function	limit fonksyon
limit of sequence	limit sekans
limit superior	limit siperyè
limitable	limitab
limited function	fonksyon limite
limiting position	pozisyon limit
limiting point	pwen limit
limiting function	fonksyon limit
line at infinity	dwat a lenfinite
line of best fitting	dwat ki pi byen ajiste a

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
line of curvature	liy kouby
line of reference	liy referans
linear combination	konbinezon lineyè
linear correlation	korelasyon lineyè
linear interpolation	entèpolasyon lineyè
linear minimization	minimizasyon lineyè
linear relation	relasyon lineyè
lituus	litouwous
local maximum	maskimòm lokal
logarithmic	logaritmik
logarithmic differentiation	diferansyasyon logaritmik
logarithmic function	fonksyon logaritmik
logarithmic spiral	espiral logaritmik
lower bound	limit enferyè
lower integral	entegral enferyè
loxodrome	lòksodwomi
M	
Maclaurin series	seri Maklòrenn (Maclaurin)
major axis	aks prensipal
matrices	matris
matrix	matris
matrix algebra	aljèb matrisyèl
matrix equation	ekwasyon matrisyèl
matrix of coefficients	matris koefisyan
m-fold factor	faktè m-fwa
minimax approximation	apwoksimasyon inifòm
minor axis	aks segondè
minor of a determinant	minè yon detèminan
mixed-product	pwodui melanje
momentum vector	vektè moman
monotone function	fonksyon monotòn
monotone decreasing	fonksyon monotòn dekwasan
monotone increasing	fonksyon monotòn kwasan
monotone sequence	sekans monotòn
multiple factors	faktè miltip
multiple integral	entegral miltip
multiplication of determinants	miltiplikasyon detèminan
multiplication of vectors	miltiplikasyon vektè
multiplicity of root	miltiplikasyon rasin
N	
Napierian logarithms	logarit neperyen
nappe	nap
n-dimensional space	espas n-dimansyon
neighborhood of a point	vwazinaj yon pwen
nephroid	nephroyid
Newton's method	metòd Nyoutonn (Newton)

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
noncoincident parallel lines	dwat paralèl nonkoensidan
nondecreasing	nondekwasan
nondecreasing convergent sequence	sekans konvèjan nondekwasan
non-degenerate circle	sèk nondejenere
non-degenerated curve	koub nondejenere
nonoverlapping subsets	souzansanm ki pa sipèpoze
nonparallel vectors	vektè ki pa paralèl
nonvertical lines	dwat ki pa vètikal
normal	nòmàl
normal curvature	koub nòmàl
normal distribution	distribisyon nòmàl
normal integral	entegral nòmàl
normal probability distribution	distribisyon pwobabilite nòmàl
normal to the curve	nòmàl parapò ak koub la
nth power	pisans n
null function	fonksyon nil
null matrix	matris nil
numerical determinant	detèminan nimerik
O	
oblate ellipsoid	elipsoyid aplati
oblate spheroid	esferoyid aplati
oblateness	aplatisman
odd function	fonksyon enpè
odd-numbered term	tèm enpè
one-side limit from the left	limit yon kote apati lagòch
one-sided approximation	apwoksimasyon yon bò
one-sided limits	limit yon bò
one-side limit from the right	limit yon kote apati ladwat
opposite in signs	ki gen siy opoze
oppositely oriented	ki oryante nan sans opoze
order	lòd
order of a determinant	lòd yon detèminan
order of a matrix	lòd yon matris
orientation	oryantasyon
oriented direction	direksyon oryante
orthogonal	òtogonal
orthogonal circles	sèk òtogonal
orthogonal component	konpozan òtogonal
orthogonal cone	kòn òtogonal
orthogonal coordinates	koòdone òtogonal
orthogonal vectors	vèktè òtogonal
orthogonalization	òtogonalizasyon
orthonormal vectors	vektè òtonòmàl
orthorhombic	òtowanbik
oscillatory series	seri osilatwa
osculating circle	òtowanbik
osculating plane	plan oskilatè

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
osculation	oskilasyon
outer product	pwodui dyadik
outward derivative	derive esteryè
oval	oval
P	
parabolic cylinder	silenn parabolik
parabolic curve	koub parabolik
paraboloid	paraboloyid
paraboloid of revolution	paraboloyid revolisyon
parameter	paramèt
parametric	parametrik
parametric derivative	derive parametrik
parametric equation	ekwasyon parametrik
partial derivative	derive pasyèl
partial fraction	fraksyon pasyèl
partial sum	sòm pasyèl
perform successively	fè youn apre lòt
pericycloid	perisikloyid
periodic function	fonksyon peryodik
periodic changes	chanjman peryodik
permutation matrix	matris pèmitasyon
perpendicular component	konpozant pèpandikilè
perpendicular component of a vector	konpozant pèpandikilè yon vektè
phase shift	defazaj, chanjman faz
point of reference	pwen referans
point of density	pwen dansite
point of discontinuity	pwen diskontinuite
point of division formula	pwen fòmil divizyon
point of increase	pwen ogmantasyon
point of inflection	pwen enfleksyon
point of sphere	pwen nan esfè
polar	polè
polar angle	ang polè
polar axis	aks polè
polar coordinates	koòdone polè
polar coordinates in the plane	koòdone polè nan plan an
polar curve	koub polè
polar distance	distans polè
polar equation	ekwasyon polè
polar form	fòm polè
polar form of complex number	fòm polè nonm konplèks
polar normal	nòm al polè
polar radius	reyon polè
pole	pòl
polycylinder	polisilenn
polydisc	polidis
polyhedral angle	ang poliyèd

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
polyhedral convex cone	kòn konvèks poliyèd
polyhedroid	poliyèdwoyid
polynomial function	fonksyon polinomyal
polynomial interpolation	entèpolasyon polinomyal
polynomial over the field F	polinòm sou chan F
portion of a series	pòsyon yon seri
positive infinite	enfini pozitif
power function	fonksyon pisans
power series	seri antye, seri potansyèl
preceding term	tèm ki vin avan
preserve validity	konsève validite
prime linear polynomial over C	polinòm lineyè premye sou C
prime linear factor	faktè lineyè premye
primitive function	fonksyon primitif
principal normal vector	vektè nòm al prensipal
principal axis	aks prensipal
principal derivative	derive prensipal
principal value	valè prensipal
principal value of arcsine	valè prensipal aksin
principal vector	vektè prensipal
principle of inference	prensip entèferans
prismoid	primatoyid
prismoidal formula	fòmil primatoyid
probability distribution	distribisyon pwobabilite
production matrix	matris pwodiksyon
progression	pwogresyon
projection of v on w	pwojection v sou w
projective geometry	jeometri pwojektiv
prolate spheroid	esferoyid alonje
proof by contradiction	prèv pa kontradiksyon
provide a counterexample	bay yon kontegzanp
Q	
quadric	kwadrik
quantic	kwantik
quartic	kwatik
quintic equation	kentik
quintuple space	espas kentip
R	
radical axis	aks radikal
radical center	sant radikal
radical circle	sèk radikal
radical exponent	espozan radikal
radius of curvature	reyon koubi
radius of gyration	reyon jirasyon
random experiment	esperyans aleyatwa
random variables	varyab aleyatwa

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
rank	ran
rank of matrix	ran matris
rank of a determinant	ran yon detèminan
reciprocal function	fonksyon resipwòk
rectangle rule with left end points	règ rektang ak pwen estremite ki agoch
rectangle rule with midpoints	règ rektang ak pwen ki nan mitan
rectangular grid	gri rektangilè
rectangular array	aranjman rektangilè
rectangular matrix	matris rektangilè
rectifiable	rektifyab
rectifiable curve	koub rektifyab
rectifiable arc	ak rektifyab
rectification	rektifikasyon
recurring series	seri peryodik
recursion	repetisyon
recursion formula	fòmil repetisyon
recursive	repete
recursive definition	definisyon repete
reduced matrix	matris redui
reducible over F	rediktib sou F
reduction formulas	fòmil rediksyon
regression line	dwat regresyon
regular integral	entegral regilye
regular matrix	matris regilye
regular tetrahedron	tetrayèd regilye
related rates	to ki gen rapò youn ak lòt
relative maximum	maksimòm relatif
relative maximum or minimum	maksimòm relatif oubyen minimòm relatif
relative maximum point	pwen maksimòm relatif
relative minimum	minimòm relatif
relative minimum point	pwen minimòm relatif
relatively prime	nonm premye ant yo menm, kopremye
remainder theorem	teyorèm rès
repeated integral	entegral repete
repeated summation	adisyon repete
resoluble	rezolib
resolution of vectors	rezolisyon vektè
resolving vector	vektè rezolisyon
restrictedly convergent	konvèjan ak restriksyon
reversion of a series	envèsyon yon seri
revolution	revolisyon
right differential coefficient	koefisyan diferansyèl adwat
right continuous function	fonksyon kontini adwat
right-hand derivative	derive men adwat
right-hand system	sistèm men adwat
right-handed coordinate system	sistèm koòdone men dwat
rigid body	kò rijid
root of multiplicity	rasin miltiplisite

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
roster of the elements of a set	reprizantasyon eleman nan yon ansanm
rotating coordinate axes	aks koòdone tounan
rotating cylinder	silenn tounan
rotation about the origin	wotasyon apati orijin lan
round-off error	awondi erè
row vector	vektè liy
row matrix	matris liy
row operation	operasyon pa ranje
row rank	ran pa ranje
S	
saddle point	pwen sèl
same orientation	menm oryantasyon
sandwich digit	chif sandwich
scalar	eskalè
scalar multiple	miltip eskalè
scalar multiple of a vector	miltip eskalè yon vektè
scalar multiplication	miltiplikasyon pa on eskalè
scalar product of vectors	pwodui eskalè vektè
scale equation	ekwasyon nan fòm balans
schematic	chema
schematic diagram	dyagram chematik
second derivative	dezyèm derive
semi-closure	demi fèmen
self-orthogonal	oto-òtogonal
semi-closed interval	entèval demi fèmen
semimajor axes	gran aks
semiminor axes	ti aks
semiperimeter	demi perimèt
separating point	pwen separasyon
sequence	sekans
series	seri
series expansion	devlopman an seri
serpentine	sèpanten, sèpantin
serpentine curve	koub sèpanten, koub an sèpanten
set theory	teyori ansanm
sexadecimal system	sistèm eksadesimal
sextic	sektik
sextic equation	ekwasyon sektik
shift to the right	deplasman adwat
shifting	chanjman, mouvman
signature function	fonksyon siyati
similarly oriented	oryante nan menm sans
simplicity of notation	senplisite notasyon
Simpson's rule	règ Senpsson (Simpson)
sine wave	onn sinisoyidal
sinusoid	sinisoyid
skew	byeze, fose, panche

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
sliding vector	vektè glisman
slope function	fonksyon pant
solid of revolution	solid revolisyon
solid of rotation	solid wotasyon
spherical coordinates	koòdone esferik
spheroid	esferoyid
spiral	espiral
spiral of Archimedes	espiral Achimèd
square array	aranjman an kare
square matrix	matris kare
square matrix of order	matris kare lòd
standard deviation	eka tip
standard position	pozisyon estanda
step by step integration	entegrasyon etap pa etap
stereographic projection	pwojeksyon estereyografik
stochastic matrix	matris estokastik
straight line approximation method	metòd apwoksimasyon liy dwat
straight line of infinity	liy dwat enfini
strophoid	estwofoyd
subdeterminant	soudetèminan
subdifferentiable	soudiferansyab
subinterval	entèval pasyèl
subscripts for function	endis (enferyè) fonksyon
subsequence	sousuit
subseries	sou seri, sou koleksyon
subtend	soutann
subtense	(ki) soutann
succeeding term	tèm ki vin apre
successive differentiation	diferansyasyon siksesif
successive derivative	derive siksesif
successive integration	entegrasyon siksesif
summation sign	siy sòm
summation symbol	senbòl sòm
superior limit	limit siperyè
surface of revolution	sifas revolisyon
symmetric equation	ekwasyon simetrik
symmetrical determinant	detèminan simetrik
synonym	sinonim
synthetic	sentetik
synthetic division	divizyon sentetik
synthetic substitution	sibstitisyon sentetik
T	
tangent plane	plan tanjan
tangent vector	vektè tanjan
tangential	tanjansyèl
Taylor expansion	espansyon Telò (Taylor)
Taylor polynomial	polinòm Telò (Taylor)

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
Taylor series	seri Telò (Taylor)
tend to L	ale nan direksyon L
term by term integration	entegrasyon tèm pa tèm
term by term differentiation	diferansyasyon tèm pa tèm
terminal point	pwen tèminal
terminal ray	demi dwat tèminal, reyon tèminal
terminal row	ranje tèminal, bòn an ranje
termwise integration	ranje tèminal
termwise differentiation	diferansyasyon pa tèm
tetragonal	tetragonal, kwadratik
theorem of pappus	teyorèm Papis (Pappus)
theory of numbers	teyori nonm
three-leaved rose curve	wozas ak twa petal
topology	topoloji
transition matrix	matris tranzisyon
transitive property of order	pwopriyete tranzitif lòd
translation of axes	translasyon aks
transpose	transpoze
transposed matrix transverse axis	aks transvès matris transpoze
transverse	transvès
transverse axis of hyperbola	aks transvès ipèbòl
trapezoidal	trapèz, trapezoyidal
trapezoidal rule	règ trapèz
triangle inequality	inegalite triyang
triangular array	aranjman an triyang, aranjman triyangilè
triangular surface	sifas triyang, sifas triyangilè
trifolium	trifolyòm
trigonometric open sentences	fraz nimerik trigonometrik ouvri
trigonometric substitution	sibstitisyon trigonometrik
triple integral	entegral trip
trivial solution	solisyon trivyal
trochoid	twokoyid
two-sided limit	limit de kote
U	
unbounded interval	entèval ki pa limite
uncertainty relation	relasyon ensètitud
unconditional inequality	inekwasyon enkondisyonèl
unconditional convergence	konvèjans enkondisyonèl
unconditionally convergent	enkondisyonèlman konvèjan
uncorrelated variables	varyab ki pa gen rapò youn ak lòt
underdeterminant	soudetèminan
uniform continuity	kontinuite inifòm
uniform convergence	konvèjans inifòm
uniform divergence	divèjans inifòm
unilateral continuity	kontinuite inilateral
unilateral limits	limit inilateral

CALCULUS GLOSSARY – HIGH SCHOOL LEVEL

ENGLISH	HAITIAN
uniqueness of limit	inisite limit
unit matrix	matris inite, matris initè
unit angle	ang inite, ang initè
unit vector	vektè inite, vektè initè
universe of variable	inivè varyab
unreduced matrix	matris ki pa redui
upper limit	limit siperyè
upper bound	limit siperyè
upper sum	sòm anwo
V	
variable of integration	varyab entegrasyon
variation	varyasyon
variation of sign	varyasyon siy
vector angle	ang vektè, ang vektoryèl
vector inner product	pwodui enteryè vektè
vector product	pwodui vektè
vector space	espas vektè, espas vektoryèl
velocity of particle	vitès patikil
Venn diagram	dyagram Venn
vertical force upward	fòs vètikal asandan
vicinity of a point	pwoksimate yon pwen
virtual asymptotic line	dwat asentotik vityèl
virtual circle	sèk vityèl
volume integral	entegral volim
W - Z	
weighted means	mwayèn pondere
weighting coefficients	koefisyan ponderasyon
weighting function	fonksyon ponderasyon
x approaches c	x ap pwoche c
zero matrix	matris nil