

# English - Luganda

## MATHEMATICAL TERMS A-H

### A

|                       |   |  |
|-----------------------|---|--|
| abacus                | = | olubaliro                                    |
| abelian group         | = | ekibinja ky'ekinnaAbel                       |
| abscissa              | = | omuganziko                                   |
| absolute              | = | geregere ; ggereggere                        |
| absolute coefficient  | = | omuwendogano ggereggere                      |
| absolute convergence  | = | omusemberagano ggereggere                    |
| absolute value        | = | omuwendo ggereggere                          |
| abstract thought      | = | ekilowoozo ekinokole                         |
| accumulation point    | = | akasassa (?) k'okwetuuma                     |
| acre                  | = | yiika  |
| acreage               | = | omuyiika                                     |
| acute angle           | = | ensonda ensongovu                            |
| addition              | = | okuggata                                     |
| addition of decimals  | = | okuggata kw'ebinnakkumi                      |
| addition of fractions | = | okuggata kw'emmenye                          |
| additive function     | = | omukolo omugassi                             |
| additive inverse      | = | omugaliko omugassi                           |
| ad infinitum          | = | obutakoma                                    |
| adjacent              | = | -liraanaganye                                |
| adjoint               | = | engattiro                                    |
| affine transformation | = | okufuula kw'oluganda                         |
| aleph – O             | = | alefu – O ; alefu-zzeero                     |
| algebra               | = | aljebra                                      |
| algebraic function    | = | omukolo gw'ekyaljebra                        |
| algebraic number      | = | ennamba y'ekyaljebra                         |
| algebraic statement   | = | ekitegeezo ky'ekyaljebra                     |
| alignment chart       | = | ekipande ky'omwekubiiro,<br>ky'omutuukaganyo |
| aliquot part          | = | ekitundu ekimenyeko                          |
| alternant             | = | ekitobeko                                    |
| alternate angles      | = | ensonda entobeke                             |
| alternating functions | = | emikolo emitobeke                            |
| alternating series    | = | ennindi entobeke                             |
| altitude              | = | obugulumivu                                  |
| amicable numbers      | = | ennamba nnamukwano                           |
| amplitude             | = | oluta  |
| analysis              | = | obuyunguluzi                                 |
| analytical geometry   | = | kannabbanga omuyunguluzi                     |
| analysis of variance  | = | obuyunguluzi bw'obwesulubabbi                |

|                            |   |                              |
|----------------------------|---|------------------------------|
| analogue computer          | = | kompyuta y'obwefaanaanyirizi |
| analogy                    | = | omwefaanaanyirizo            |
| digital computer           | = | kompyuta nnaminwe            |
| analytic intimation        | = | obusenserezi obuyunguluzi    |
| analytic function          | = | omukolo omuyunguluzi         |
| angle                      | = | ensonda                      |
| angle at a point           | = | ensonda ku kasassa           |
| angle bisector             | = | olusalawabirye olw'ensonda   |
| angle of contact           | = | ensonda y'okukwatana         |
| angle of deflection        | = | ensonda y'okuwunjuka         |
| angle of departure         | = | ensonda y'obuyimufu          |
| angle of deviation         | = | ensonda y'okuwaba            |
| angle of friction          | = | ensonda y'obukuubi           |
| angle of incidence         | = | ensonda y'okutomera          |
| angle of minimum deviation | = | ensonda y'okuwaba ssebutono  |
| angle of reflection        | = | ensonda y'okuwunjukata       |
| angle of refraction        | = | ensonda y'okumenyekata       |
| angle of view              | = | ensonda y'okulaba            |
| angles on a line           | = | ensonda ku layini            |
| angular displacement       | = | okwejjulula nnansonda        |
| angular momentum           | = | envuumulo nnansonda          |
| annihilator                | = | ekizikiriza , nnamuzisa      |
| antecedent                 | = | ekisaazi                     |
| anti-clockwise             | = | ssaawakkonta                 |
| antilogarithm              | = | olugabirokkonta              |
| anti-parallel              | = | luleegakkonta                |
| answer                     | = | okuddamu                     |
| antipodal points           | = | obusassa nnabigerekkonta     |
| antisymmetric dyadic       | = | -pimaganyikkonta nnawabirye  |
| antisymmetric function     | = | omukolo omupimaganyikkonta   |
| Apollonius circle          | = | enkulungo ya Apollonius      |
| Apollonius theorem         | = | ekikakase kya Apollonius     |
| applied mathematics        | = | kannakubala kkozesa          |
| approximate integration    | = | okugattirira okusemberezi    |
| approximation              | = | okusembereza                 |
| Arabic number              | = | ennamba y'Ekiwalabu          |
| arc                        | = | olutego                      |
| arc cosh x                 | = | arc cosh x                   |
| arc cos x                  | = | arc cos x                    |
| arc sinh x                 | = | arc sinh x                   |
| arc sin x                  | = | arc sin x                    |
| arc tanh x                 | = | arc tanh x                   |
| arc tan x                  | = | arc tan x                    |
| arch                       | = | arch                         |
| Archimedes spiral          | = | olukata lw'Archimedes        |
| area                       | = | olubangirizi                 |

|                       |   |                                 |
|-----------------------|---|---------------------------------|
| area measurement      | = | empima y'olubangirizi           |
| area of a rectangle   | = | olubangirizi lwa nsondantuufu   |
| area of a triangle    | = | olubangirizi lwa nsondassatu    |
| area units            | = | eminwe gy'olubangirizi          |
| Argand diagram        | = | olulyebulo lwa Argand           |
| argument              | = | empakano                        |
| arithmetic            | = | kannambala                      |
| arithmetical progress | = | olulindi lw'ekinnambala         |
| arithmetic continuum  | = | olweyongerero lw'ekinnambala    |
| arithmetic mean       | = | nnakati w'ekinnambala           |
| arithmetic operator   | = | ekikozi ekinnambala             |
| arithmetic shift      | = | ekyejjululo ekinnambala         |
| arrangement           | = | entegeko , entegeka             |
| array                 | = | olusengeko                      |
| assign                | = | okukwasa                        |
| associate             | = | okunywanyiwaza                  |
| associative           | = | - nywanyiwazi                   |
| astroid               | = | emmunyeenyewevu                 |
| astrometry            | = | kapimammunyeenye                |
| astronomical triangle | = | nsondassatu ey'ekinnammunyeenye |
| attenuation           | = | okuvubiikiriza                  |
| attributes            | = | emize                           |
| automorphism          | = | olunneekuza                     |
| auxiliary circle      | = | enkulungo ennyambi              |
| average               | = | nnakkati                        |
| average curvature     | = | omweweto nnakkati               |
| average speed         | = | embiro nnakkati                 |
| axes                  | = | enebongero                      |
| axial                 | = | nnalwetooloolero                |
| axiom                 | = | ekisabo                         |
| axis                  | = | olwebongero                     |
| axis , horizontal     | = | olwebongero oluganzike          |
| axis of symmetry      | = | olwebongero lw'obupimaganyi     |
| axis , vertical       | = | olwebongero olusimbe            |
| azimuth               | = | azimuthi                        |
| azimuth angle         | = | ensonda ya azimuthi             |

## B

|                 |   |                      |
|-----------------|---|----------------------|
| balance         | = | eminzaani            |
| balance weights | = | amayinja ga minzaani |
| bar             | = | olugooti             |
| bar chart       | = | lugooti ekipande     |
| bar code        | = | lugooti olukusiko    |
| bar graph       | = | lugooti olulojjo     |

|                                |   |   |
|--------------------------------|---|---|
| base                           | = | omusingi                                |
| base angle                     | = | ensonda y'omusingi                      |
| base area                      | = | olubangirizi lw'omusingi                |
| baseline                       | = | layini y'omusingi                       |
| base unit                      | = | omunwe gw'okumusingi                    |
| base vector                    | = | ekikongozzi ky'okumusingi               |
| basis                          | = | omusingi                                |
| batch processing               | = | okwekebejja ekikuulo                    |
| Bayesian                       | = | - a kinnaBayes                          |
| bel                            | = | bel                                     |
| benchmark                      | = | akasassa k'ekipimansonda                |
| Bernoulli's equation           | = | enkyenkano kya Bernoulli                |
| Bernoulli's numbers            | = | ennamba za Bernoulli                    |
| Bernoulli's polynomials        | = | wabimiimobingi wa Bernoulli             |
| Bernoulli's theorems           | = | ebikakase bya Bernoulli                 |
| Bessel functions               | = | emikolo gya Bessel                      |
| Bessel's differential equation | = | ekyenkano nnamwawulo kya Bessel         |
| Beta function                  | = | omukolo – beta                          |
| Bialternant                    | = | tobekabbirye                            |
| Bilinear transformation        | = | ekifuuko nnalayinibbirye                |
| billion = $10^9$               | = | wakkadde                                |
| binary                         | = | wabbirye                                |
| binary arithmetic              | = | kannambala wabbirye                     |
| binary code                    | = | olukusiko wabbirye                      |
| binary coded decimal (BCD)     | = | ekinnakkumi ekikusike wabbirye          |
| binary digit                   | = | omunwe wabbirye                         |
| binary point                   | = | akasassa wabbirye                       |
| binary scale                   | = | olupimiro wabbirye                      |
| Binet-Cauchy theorem           | = | ekikakase kya Binet-Cauchy              |
| binomial                       | = | nnabimiimobbirye                        |
| binomial coefficient           | = | omuwendogano nnabimiimobbirye           |
| binomial distribution          | = | obutalaavu nnabimiimobbirye             |
| binomial theorem               | = | ekikakase nnabimiimobbirye              |
| binormal                       | = | - esimbubbirye                          |
| bipolar coordinates            | = | emisassawanyo nnampagibbirye            |
| bisector                       | = | olusalabbirye                           |
| bob-weight                     | = | akaloddo akaminzaaniwaza                |
| BODMAS                         | = | $B_1AG_1B_2G_2T$                        |
| boiling point                  | = | akasassa k'okwesera                     |
| Boolean                        | = | - a kinnaBoole                          |
| Boolean algebra                | = | algebra w'ekinnaBoole                   |
| bounded function               | = | omukolo omukomere                       |
| bounded set (of numbers)       | = | omukunng'aanyo gw'ennamba<br>omukomere  |
| bounded set (of points)        | = | omukonng'aanyo gw'obusassa<br>omukomere |
| bounds of a function           | = | ebikomero by'omukolo                    |

|                                |   |                                      |
|--------------------------------|---|--------------------------------------|
| bound vector                   | = | ekikongozzi ekikomere                |
| bracket                        | = | akakomera                            |
| branch point                   | = | akasassa k'ettabi                    |
| branch of a function           | = | ettabi ly'omukolo                    |
| Brigg's logarithms             | = | engabiro za Brigg                    |
| branch of a curve              | = | ettabi ly'oluweto                    |
| breadth                        | = | obugazi                              |
| breakpoint                     | = | akasassa k'okukutuka                 |
| Brianchon's theorem            | = | ekikakase kya Brianchon              |
| British Standard Specification | = | kalonda w'Olugerero lw'Ekibuliitishi |
| buying price                   | = | ebbeeyi egulirwako                   |
| buying rate                    | = | omuguliro                            |

## C

|                             |   |  |
|-----------------------------|---|--|
| cable length                | = | obuwanvu bw'omuguwa                        |
| calculate                   | = | okubala                                    |
| calculus , differential     | = | kannampiki nnamwawulo                      |
| calculus , integral         | = | kannampiki nnamugattiriro                  |
| calendar month              | = | omwezi ku kalenda                          |
| calendar year               | = | omwaka ku kalenda                          |
| calipers                    | = | kkalipa                                    |
| calorie                     | = | kalori                                     |
| calorimetry                 | = | kapimakalori                               |
| cancellation                | = | okusazaamu                                 |
| capacity                    | = | omuwaniriro                                |
| cardinal number             | = | ennamba ssenkulu                           |
| cardioid                    | = | olutimawivu                                |
| carry                       | = | okutwala                                   |
| Cartesian coordinates       | = | enfowano z'ekinnaCartesius                 |
| Cartesian ovals             | = | eziwivu z'ekinnaCartesius                  |
| Cassini's ovals             | = | eziwivu za Cassini                         |
| catastrophe theory          | = | omutetenkanyirizo gw'obucwano              |
| category                    | = | ekiti , ettuluba                           |
| catenary                    | = | olunnalujegere                             |
| catenoid                    | = | olujegerewevu                              |
| Cauchy – Riemann Equations  | = | ebyenkano bya Cauchy-Riemann               |
| Cauchy's convergence tests  | = | ebigezesu bya Cauchy                       |
| Cauchy's dispersion formula | = | Eby'okusangagana<br>ekisumulozo kya Cauchy |
| Cauchy's distribution       | = | Eky'obusaasaano<br>obutalaavu bwa Cauchy   |
| Cauchy's sequence           | = | omugoberero gwa Cauchy                     |
| Cauchy's integral formula   | = | ekisumuluzo kya Cauchy                     |
| Cauchy's theorem            | = | ekikakase kya Cauchy                       |
| caustic curve               | = | oluweto olubambula                         |

|   |   |  |
|---|---|--|
| cell  | = | akabondo   |
| Celsius scale<br>(centigrade scale)                             | = | olupimiro lwa Celsius  |
| central angle   | = | ensonda ku ntabiro   |
| central projection  | = | olusawuko olw'ekinnantabiro  |
| centre  | = | entabiro   |
| centre of curvature   | = | entabiro y'obuwete   |
| centre of gravity   | = | entabiro y'omusikirizo   |
| centre of inversion   | = | entabiro y'okugalika   |
| centre of symmetry  | = | entabiro y'obupimaganyi  |
| chain   | = | olujegere  |
| chain code  | = | olukusiko lw'olujegere   |
| chance  | = | olulobo  |
| characteristic curve  | = | oluweto lw'olulango  |
| characteristic equation of<br>a matrix                          | = | ekyenkano ky'olulango eky'endoko   |
| characteristic equation of an<br>ordinary differential equation | = | ekyenkano ky'olulango eky'ekyenkano<br>nnamwawulo ekya bulijjo<br>(ekyenkano ekiyambi) |
| (auxiliary equation)  | = | omukolo gw'olulango  |
| characteristic function of a set                                | = | ogw'womukunng'aanyo  |
| characteristic of a logarithm                                   | = | olulango ow'olugabiro  |
| characteristic points   | = | obusassa bw'olulango   |
| characteristic polynomial                                       | = | nnabimiiimbingi ey'olulango  |
| chirality   | = | obwomukono   |
| Christoffel symbols   | = | obubonero bwa Christoffel  |
| circle  | = | enkulungo  |
| circle of convergence   | = | enkulungo y'obweyunizi   |
| circle of curvature   | = | enkulungo y'obweweto   |
| circle of inversion   | = | enkulungo y'obwegalisi   |
| circle graph  | = | olulojjo lw'enkulungo  |
| circulant   | = | enneekulunzi   |
| circular cone   | = | enkuyo nnankulungo   |
| circular frame  | = | omugala nnankulungo  |
| circular functions  | = | emikolo nnankulungo  |
| circular measure  | = | ekipimo nnankulungo  |
| circular permutation  | = | olutegeko nnankulungo  |
| circular point on a surface                                     | = | akasassa nnankulungo ku lunnakungulu   |
| circulation   | = | okwekulunga  |
| circulatory integral  | = | omulambirizo nnankulungulo   |
| circumcentre of a triangle                                      | = | entabirobbuga eya nsondassatu  |
| circumcircle  | = | enkulungobbuga   |
| circumference   | = | oluzingo   |
| circumscribed circle  | = | enkulungobbuga   |
| cissoid   | = | olulemuwuvu  |

|                                      |   |                                  |
|--------------------------------------|---|----------------------------------|
| cis x                                | = | cis x                            |
| clock                                | = | essaawa                          |
| clock arithmetic                     | = | kannambala w'essaawa             |
| clock rate                           | = | omukyuko nnessaawa               |
| clock face                           | = | olwenyi nnessaawa                |
| clockwise                            | = | ssaawaggoberera                  |
| closed inequality                    | = | enkyenkanowofu ekiggale          |
| closed set                           | = | omukunng'aanyo omuggale          |
| clue                                 | = | akabagulizo                      |
| cluster                              | = | ekirimba                         |
| cluster analysis                     | = | obuyunguluzi bw'ebirimba         |
| coaxial circles                      | = | enkulungo-<br>nnalwebongerowanwa |
| coefficient                          | = | omuwendowano                     |
| coefficient of variation             | = | omuwendowano gw'enkyuka          |
| cofactor                             | = | omubazewano                      |
| coherent units                       | = | emimwe egikwatagana              |
| co-interior angles                   | = | ensonda z'omundawano             |
| collinear transformation of a matrix | = | okufuula nnalayini kw'endoko     |
| collinear vectors                    | = | ebikongozzi nnalayini            |
| collineation                         | = | okunnnalayiniwaza                |
| column                               | = | omuko                            |
| column graph                         | = | olulojjo lw'omuko                |
| combinations                         | = | engatto                          |
| combined operation                   | = | ekikolwa ekigatte                |
| commensurable quantities             | = | obungi obupimaganika             |
| common multiple                      | = | omungiwaze gwa lukale            |
| common number                        | = | ennamba ya lukale                |
| commutative                          | = | - waanyisaganyi                  |
| commutator                           | = | ekiwaanyisaganyi                 |
| compact space                        | = | ebbanga erigumivu                |
| compass                              | = | ekipimabwolekero                 |
| compatible equations                 | = | ebyenkano ebigendana/ebibakana   |
| complementary angles                 | = | ensonda ezimalayo                |
| complementary function               | = | omukolo ogumalayo                |
| complementation                      | = | okumalayo                        |
| complement of a set                  | = | ekimalayo ky'omukunng'aanyo      |
| complete differential                | = | omwawulo omujjuvu                |
| complete integral/primitive          | = | omulambiro omujjuvu              |
| complete metric space                | = | ebbanga nnametro erijjuvu        |
| complex number                       | = | ennamba enzigumivu               |
| component of a vector                | = | ekitundu ky'ekikongozzi          |
| composite number                     | = | ennamba engattirire              |
| computability                        | = | okubalika                        |

|                                    |   |                                    |
|------------------------------------|---|------------------------------------|
| compute                            | = | okubala                            |
| computer                           | = | kompyuta                           |
| computer science                   | = | kannakompyuta                      |
| conchoid                           | = | olukovuwivu                        |
| conditional convergent series      | = | olulindi olweyunizi nnakakwakulizo |
| conditional probability            | = | obwandiba nnakakwakulizo           |
| cone                               | = | enkuyo                             |
| confocal conics                    | = | ebinnankuyo ebikyotowanyi          |
| confocal quadrics                  | = | ebinnakabirye ebikyotowanyi        |
| conformal-conjugate transformation | = | okufuula nnakikulawano nnabuko     |
| conformal transformation           | = | okufuula nnakikulawano             |
| congruence                         | = | okukkiriziganya                    |
| congruency                         | = | okukkiriziganya                    |
| congruent                          | = | - kiriziganyi                      |
| congruent transformation           | = | okufuula okukiriziganyi            |
| conic                              | = | (eki)nnankuyo                      |
| conical surface                    | = | olunnakungulu nnankuyo             |
| conjugate algebraic numbers        | = | ennamba ez'ekyaljebra              |
| conjugate angles                   | = | ensonda nnabuko                    |
| conjugate arcs                     | = | entego nnabuko                     |
| conjugate axis of hyperbola        | = | olwebongero nnabuko                |
|                                    |   | olw'olukasukoja                    |
| conjugate Bertrand curves          | = | empeto za Bertrand nnabuko         |
| conjugate complex number           | = | ennamba nnabuzibu nnabuko          |
| conjugate diameters                | = | ensalannakkati nnabuko             |
| conjugate directions               | = | obwolekere nnabuko                 |
| conjugate dyadics                  | = | ziwabbiri nnabuko                  |
| conjugate elements of group        | = | elementi nnabuko ez'ekibinja       |
| conjugate functions                | = | emikolo nnabuko                    |
| conjugate harmonic functions       | = | emikolo emitabaganyi nnabuko       |
| conjugate matrix                   | = | endoko nnabuko                     |
| conjugate points                   | = | obusassa nnabuko                   |
| conjugate subgroup                 | = | ekibinjakka nnabuko                |
| conjugate system of curves         | = | omuyungo nnabuko ogw'empeto        |
| conjugate triangle                 | = | nsondassatu nnabuko                |
| connected domain                   | = | omuka omugatte                     |
| consecutive number                 | = | ennamba empondezi                  |
| consequent                         | = | ekiwondezi                         |
| consistent equations               | = | ebyenkano ebikwatagana             |
| constant                           | = | ekitakyuka                         |
| constant of integration            | = | ekitakyuka ky'okulambiriza         |
| constant of inversion              | = | ekitakyuka ky'okugalika            |
| constituent                        | = | ekizimba                           |
| construct                          | = | okuzimba                           |
| continued fraction                 | = | emmenyefu y'olutata                |



|                           |   |                              |
|---------------------------|---|------------------------------|
| continuous                | = | - a lutata                   |
| continuum                 | = | olutata                      |
| convert                   | = | okukyusa                     |
| conversion                | = | okukyusa                     |
| convolution integral      | = | ennambiriro y'okukulungulu   |
| coordinate axes           | = | enebongero ensassawanye      |
| coordinates               | = | ensassawanyo                 |
| Cornu's spiral            | = | olulata lwa Cornu            |
| correlation               | = | olugandawano                 |
| corresponding angles      | = | ensonda ezikiriziganya       |
| cosine                    | = | kosini                       |
| cosecant                  | = | kosekati                     |
| coset                     | = | omukunng'aanyowano           |
| cosh                      | = | cosh                         |
| coth                      | = | coth                         |
| countable set             | = | omukunng'aanyo ogubalika     |
| counting number           | = | ennamba ebala                |
| counting interval         | = | olumagga olubala             |
| cross-number puzzle       | = | ekisobezi ky'ennambannali    |
| cross-product of a vector | = | omubazonnali ogw'ekikongozzi |
| cross-ratio               | = | omugabironnali               |
| cross-section             | = | ekisalonnali                 |
| cross-sectional           | = | nnakisalonnali               |
| crunode                   | = | wabusassabubiri              |
| cube                      | = | ssemulabba                   |
| cubic equation            | = | ekyenkano nnassemulabba      |
| cuboid                    | = | ssemulabbawivu               |
| curl                      | = | omusadde                     |
| currency                  | = | wansimbi                     |
| curtate cycloid           | = | enkulungowevu ennyimpaye     |
| curtate trochoid          | = | nnamuzigawivu ennyimpaye     |
| curvature                 | = | obuweto                      |
| curve                     | = | oluweto                      |
| curvilinear asymptote     | = | oluluubiriro nnalayinimpete  |
| curvilinear coordinates   | = | ensassawanyo nnalayinimpete  |
| cusp                      | = | akafumisi                    |
| cycle                     | = | enkulungo                    |
| cyclic group              | = | ekibinja nnankulungo         |
| cyclic quadrilateral      | = | nsondassatu nnankulungo      |
| cycloid                   | = | enkulungowevu                |
| cylinder                  | = | silinda                      |
| cylindrical coordinates   | = | ensassawanyo nnasilinda      |

## D

|                              |   |  |
|------------------------------|---|--|
| d'Alembert's ratio test      | = | ekigezesu nnamugabiro ekya<br>d'Alembert |
| data                         | = | ebiwe                                    |
| data bank                    | = | bbanka y'ebiwe                           |
| data base                    | = | omusingi gw'ebiwe                        |
| data collection              | = | okukunng'aanya kw'ebiwe                  |
| data model                   | = | omugeegeenyoy gw'ebiwe                   |
| data preparation             | = | okuteekateeka kw'ebiwe                   |
| data processing              | = | okwekebejja kw'ebiwe                     |
| data protection              | = | okukuuma kw'ebiwe                        |
| data representation          | = | okusimbawo kw'ebiwe                      |
| data retrieval               | = | okukomyawo kw'ebiwe                      |
| data storage                 | = | okutereka kw'ebiwe                       |
| decimal                      | = | ekinnakkumi                              |
| decimal fraction             | = | emmemyefu y'ekinnakkumi                  |
| decimal place                | = | ekifo ekinnakkumi                        |
| decimal system               | = | omuyungo gw'ekinnakkumi                  |
| Dedekind act                 | = | ekisalo kya Dedekind                     |
| defective equation           | = | ekyenkano ekiyabayaba                    |
| deficiency                   | = | obuyabayaba                              |
| definite integral            | = | omugattiro omusonjofu                    |
| deformation                  | = | okulemala                                |
| deformation ratio            | = | omulemalo                                |
| degree                       | = | digri                                    |
| deleted neighbourhood        | = | omuliraano omusangule                    |
| denominational number system | = | omuyungo gw'ennamba nnamugabizi          |
| denominator                  | = | omugabizi                                |
| dense set                    | = | omukunng'aanyo omukwafu                  |
| denumerable set              | = | omunkunng'aanyo ogubalika                |
| dependent functions          | = | emikolo emyesigami                       |
| dependent variable           | = | ekikyuka ekyesigami                      |
| derivative                   | = | ekiviiseemu                              |
| derived function             | = | omukolo omuviise                         |
| Descartes' rules of signs    | = | ebifugabubonero ebya Descartes           |
| design                       | = | okubaga                                  |
| determinant                  | = | emmiimuula                               |
| developable surface          | = | olunnakungulu olutandululika             |
| deviation                    | = | okuwaba, obuwabi                         |
| diagonal                     | = | olugattansonda                           |
| diagonal matrix              | = | endoko y'olugattansonda                  |
| diagram                      | = | olulyebulo                               |
| diameter                     | = | olusalannakkati                          |
| difference                   | = | enjawulo                                 |
| difference operator          | = | ebikozi nnanjawulo                       |
| difference of sets           | = | enjawulo z'emikunng'aanyo                |
| differentiable function of a |   |  |

|                          |   |  |
|--------------------------|---|--|
| complex variable         | = | omukolo gw'ekikyuka ekiggumivu<br>ogwawulikika |
| differential             | = | nnamwawulo                                     |
| differential calculus    | = | kannampiki nnamwawulo                          |
| differential coefficient | = | omuwendowano nnamwawulo                        |
| differential equation    | = | ekyenkano nnamwawulo                           |
| differentiation          | = | okwawula                                       |
| digit                    | = | omunwe   |
| digital                  | = | nnaminwe                                       |
| digital computer         | = | kompyuta nnaminwe                              |
| dihedral                 | = | nnannyenyibbirye                               |
| diophantine equations    | = | ebyenkano ebinnaDiophantos                     |
| direction                | = | obwolekero                                     |
| direction angles         | = | ensonda z'obwolekero                           |
| direction components     | = | ebitundu by'obwolekero                         |
| direction cosines        | = | kosini z'obwolekero                            |
| direction numbers        | = | ennamba z'obwolekero                           |
| direction of a curve     | = | obwolekero bw'oluweto                          |
| direction ratios         | = | emigabiro gy'obwolekero                        |
| director circle          | = | enkulungo y'ekyolekeza                         |
| disconnected set         | = | omukunng'aanyo omukutulekutule                 |
| discontinuity            | = | obukutulekutule                                |
| discriminant             | = | ekisosola                                      |
| disjoint sets            | = | emikunng'aanyo emigattulule                    |
| distance                 | = | obwesuulo                                      |
| distribution             | = | obutalaavu                                     |
| distributive             | = | - talaazi                                      |
| divergence of a vector   | = | obwakanyi bw'ekikongozzi                       |
| divisibility             | = | okugabirika                                    |
| division                 | = | okugabira                                      |
| division ring            | = | empeta y'okugabira                             |
| divisor                  | = | egabira  |
| D method , operator      | = | oluwenda-D                                     |
| dodecagon                | = | nsondakkuminabbiri                             |
| dodecahedron             | = | nnyenyikkuminabbiri                            |
| domain                   | = | omuka  |
| dot pattern              | = | ekiyeyo ky'obutonnyeze                         |
| double integral          | = | omulambiro wabbirye                            |
| double point             | = | akasassa wabbirye                              |
| double series            | = | olulindi wabbirye                              |
| dynamics                 | = | kannabwejjuluzi                                |

## E

|                 |   |                      |
|-----------------|---|----------------------|
| eccentric angle | = | ensonda nnakkatiwufu |
|-----------------|---|----------------------|

|                               |   |                                       |
|-------------------------------|---|---------------------------------------|
| eccentricity                  | = | obunnakkatiwufu                       |
| elements                      | = | elementi                              |
| elliptical point on a surface | = | akasassa nnannyongo ku lunnakungulu   |
| elliptic functions            | = | emikolo nnannyongo                    |
| elliptic geometry             | = | kannabbanga nnannyongo                |
| elliptic integral             | = | omulambirizo nnannyongo               |
| empty set                     | = | omukunng'aanyo omwereere              |
| envelop                       | = | ebbasa                                |
| equal interval                | = | olumagga olwenkana                    |
| equal set                     | = | omukunng'aanyo ogwenkana              |
| equation                      | = | ekyenkano                             |
| equiangular spiral            | = | olukata olusondankanyi                |
| equilateral triangle          | = | nsondassatu engulunkanyi              |
| equivalence relation          | = | oluganda oluwendonkanyi               |
| equivalent fraction           | = | emmenyefu empendonkanyi               |
| escribed circle of a triangle | = | enkulungo empandukule eya nsondassatu |
| estimate                      | = | okuteebereza                          |
| Euclidean geometry            | = | kannabbanga w'ekinnaEuclid            |
| Eulerian angles               | = | ensonda z'ekinnaEuler                 |
| Euler's theorem               | = | ekikakase kya Euler                   |
| evaluate                      | = | okuwendowola                          |
| even number                   | = | ennamba entereevu                     |
| evolute                       | = | olususumbule                          |
| evolution                     | = | obwesusumbuzi                         |
| exact equation                | = | ekyenkano ekituukirizi                |
| expanded form                 | = | ekikula ekigaziye                     |
| exponent                      | = | nnabuyinza                            |
| exponential function          | = | omukolo nnabuyinza                    |
| exterior angle of a triangle  | = | ensonda nnabweru eya nsondassatu      |

## F

|                       |   |                                 |
|-----------------------|---|---------------------------------|
| face                  | = | olwenyi (ekyenyi)               |
| faces                 | = | ennyenyi                        |
| factor                | = | omubaze ; fakta                 |
| factorial             | = | kinnafakta                      |
| factorisation         | = | okufaktawaza                    |
| factor tree           | = | omuti gw'omubaza                |
| Fermat's last theorem | = | ekikakasa kya Fermat ekisembayo |
| field                 | = | ekisawe                         |
| flux                  | = | omukyukiro                      |
| focus                 | = | akooto                          |
| folded scale          | = | olupimiro oluwumbe              |

|                                   |   |                                       |
|-----------------------------------|---|---------------------------------------|
| folium of Descartes               | = | olulagala lwa Descartes               |
| formula                           | = | ekisumuluzo                           |
| Fourier analysis                  | = | obuyunguluzi bwa Fourier              |
| Fourier half-range series         | = | olulindi nnamutwalennusu, lwa Fourier |
| Fourier series                    | = | olulindi lwa Fourier                  |
| Fourier transformation            | = | ekifuulo kya Fourier                  |
| fractal                           | = | omunnanfuusi                          |
| fraction                          | = | emmenyefu                             |
| Frenet's formula                  | = | ekisumuluzo kya Frenet                |
| frequency table                   | = | omweso gw'omuddirinn'ano              |
| frequency distribution            | = | obutalavu bw'omuddirinn'ano           |
| freezing point                    | = | akasassa k'okukwata                   |
| friendly numbers                  | = | ennamba nnamukwano                    |
| function                          | = | omukolo                               |
| functor                           | = | funkta                                |
| fundamental metric tensor         | = | tensa nnametro nnamusingi             |
| fundamental theorem of algebra    | = | ekikakase nnamusingi eky'algebra      |
| fundamental theorem of arithmetic | = | ekikakase nnamusingi eky'algebra      |

## G

|                         |   |                                     |
|-------------------------|---|-------------------------------------|
| gamma function          | = | omukolo gamma                       |
| gap                     | = | omuwaatwa                           |
| Gauss' convergence test | = | ekigezesu kya Gauss nhabusangaganyi |
| Gaussian curvature      | = | obuweto bw'ekinnaGauss              |
| Gauss' theorem          | = | ekikakase kya Gauss                 |
| general integral        | = | omulambiro ttwalirawamu             |
| general solution        | = | ekimerengulo ttwalirawamu           |
| generating function     | = | omukolo oгуzaala                    |
| generator               | = | ekizaazi                            |
| geodesic                | = | ssemitego                           |
| geographical mile       | = | mailo ey'ekirojjansi                |
| geometry                | = | kannabbanga                         |
| geometric mean          | = | nnakkati w'ekinnabbanga             |
| glissette               | = | akayiringito                        |
| gnomon                  | = | olulazi                             |
| googol                  | = | nnakitiiriitu kkumi                 |
| gradient                | = | omwesuliko                          |
| gradiometer             | = | ekipimamwesuliko                    |
| graduated circle        | = | enkulungo engereke                  |
| graph                   | = | olulojjo                            |

|                     |   |                         |
|---------------------|---|-------------------------|
| graphics            | = | ebinnakirojjo           |
| great circle        | = | enkulungo ennene        |
| Green's theorem     | = | ekikakase kya Green     |
| Gregory formula     | = | ekisumuluzo kya Gregory |
| group               | = | ekibinja                |
| Guddermanian        | = | omunnaGudderman         |
| gyration, radius of |   |                         |

## H

|                               |   |                                   |
|-------------------------------|---|-----------------------------------|
| harmonic conjugate            | = | etabaganya nnabuko                |
| harmonic function             | = | omukolo ogutabaganya              |
| harmonic means                | = | zinnakkati ezitabaganya           |
| harmonic progress             | = | olulindi olutabaganya             |
| harmonic ratio                | = | omugabiro ogutabaganya            |
| Hausdorff space               | = | ebbanga lya Hausdorff             |
| haversine                     | = | ekyokubiri kya sin ensagaasaganye |
| helicoid                      | = | olusonsowevu                      |
| helix                         | = | olusonko                          |
| hemisphere                    | = | ssenkulungonnusu                  |
| hessian                       | = | ekinnaHesse                       |
| hexagon                       | = | nsondamukaaga                     |
| histogram                     | = | olulojjolugooti oluggumivu        |
| Holder's inequality           | = | ekyenkanowofu kya Holder          |
| holomorphic function          | = | omukolo nnalamba                  |
| homeomorphic                  | = | nnakikulawivu                     |
| homogeneous co-ordinates      | = | ensasassawanye nnakikulawivu      |
| homogeneous function          | = | omukolo nnakikalawivu             |
| homology group,               |   |                                   |
| homotopic mapping             | = | okumaapuwaaza nnakifowovu         |
| hyperbolic function           | = | omukol nnalisawukajja             |
| hyperbolic geometry           | = | kannabunga nnalisawukajja         |
| hyperbolic paraboloid         | = | olusawukossegerawivu              |
|                               |   | nnalusawukojja                    |
| hyperbolic point on a surface | = | akasassa nnalusawukojja ku        |
|                               |   | lunnakungulu                      |
| hyperboloid                   | = | olusawukojjawivu                  |
| hypocycloid                   | = | enkulungowevukka[ko]              |