

# Talasalitaang Pangsipnayan

Carl Joshua Quines

November 8, 2016

Ang talasalitaan na ito ay hango sa *Maugnayng Talasalitaang Pang-Agham* na pinamatnugutan ni Gonsalo del Rosario. Ang pangunahing layunin ng talasalitaan nito ay gamitin sa sipnayang paligsahan.

Inaasahan na ang mambabasa ay nagsasalita ng Filipino; maraming salita ay hindi kasama dahil ito ay mga karaniwang ginagamit. Para sa isang mas ganap na listahan, maaaring basahin ang akdang pinaghanguan.

Ang ibang salita ay wala sa sipi, kundi likha ng may-akda. Ang mga salitang ito ay minarkahan ng \* matapos ang salita. Para sa puna at mungkahi, maaari akong kausapin sa [cj@cjquines.com](mailto:cj@cjquines.com).

## 1 Lahatáng katawagán

### 1.1 Larangan

**sipnayan** *mathematics*

**palákipanan\*** *combinatorics*

**tatsihaan** *trigonometry*

**bilnuran** *arithmetic*

**palátangkasan** *set theory*

**panandáan** *algebra*

**sukgisan** *geometry*

**palábilangan\*** *number theory*

### 1.2 Salitang teknikal

**patunay** *proof*

**kalutasán** *solution*

**halgá** *value*

**húnain** *theorem*

**katuríngan** *definition*

**lútasin** *problem*

**halatin** *denote*

**panurò** *index*

## 2 Bilnuran

### 2.1 Sakilos

**magdagdág** *add*

**kaibhán** *difference*

**pahatì** *divisor*

**panagdág** *addend*

**magparami** *multiply*

**dagup** *sum*

**bunga** *product*

**kahatiàn** *quotient*

**kabuúan** *total*

**maghatì** *divide*

**magbawas** *subtract*

**hátiin** *dividend*

**labí** *remainder*

### 2.2 Bilang

**awán** *zero*  
**bilang** *number*  
**tambilang** *digit*  
**tahás** *positive*  
**balíng** *negative*  
**hatimbilang** *fraction*

**panakdâ** *numerator*  
**pamahagi** *denominator*  
**baligtád** *reciprocal*  
**tagwáy** *ratio*  
**takad** *base*  
**paulit** *exponent*

**lambál** *power*  
**x-dinawak** *x-squared*  
**x-binúok** *x-cubed*  
**x sa iká-apat na lambál** *x to the fourth power*

### 3 Panandáan

#### 3.1 Bilang

**likás** *natural*  
**buumbilang** *integer*  
**tagwayin** *rational*  
**ditagwayin** *irrational*

**tunay** *real*  
**guní** *imaginary*  
**hugnáy** *complex*  
**katápatan** *conjugate*

**hagkís** *amplitude*  
**kawagsán** *modulus*  
**hangganín** *finite*  
**awanggan** *infinity*

#### 3.2 Katumbasan

**pahayag** *expression*  
**katumbasan** *equation*  
**áligin** *variable*  
**lágiin** *constant (n.)*

**ilipat** *transpose*  
**hulip** *substitute*  
**túwirin** *linear*  
**dáwakin** *quadratic*

**búukin** *cubic*  
**ápatin** *quartic*  
**magkalutas** *simultaneous*  
**sanyô** *formula*

#### 3.3 Dikatumbasan

**dikatumbasan** *inequality*  
**tamtaman** *mean*  
**bilnuring** *arithmetic*

**sukgising** *geometric*  
**súwatuhiing** *harmonic*  
**dáwaking** *quadratic*

**palípagasayos\***  
*rearrangement*  
**higdulin** *maximum (adj.)*  
**kubdulin** *minimum (adj.)*

#### 3.4 Damikay

**damikay** *polynomial*  
**antás** *degree*  
**takáy** *term*  
**katuwáng** *coefficient*

**isákay** *monomial*  
**duhakay** *binomial*  
**talukay** *trinomial*  
**tanda** *sign*

**ugát** *root*  
**kabuô** *factor (n.)*  
**bungkagin** *factor (v.)*  
**talangí** *discriminant*

### 3.5 Kabisà

**kabisà** *function*

**halgáng wagas** *absolute value*

**pariugát** *square root*

**taluuagát** *cube root*

**sakláv** *domain*

**kasakláv\*** *codomain*

**abot** *range*

**logpaulit** *logarithm*

**takad** *base*

**karaniwan** *common*

**likás** *natural*

### 3.6 Datig

**datig** *sequence*

**bilnuring** *arithmetic*

**sukgising** *geometric*

**panisulong** *progression*

**dalayráy** *series*

**pagdagup** *summation*

**hanggan** *limit*

**palapit** *convergent*

**palayô** *divergent*

### 3.7 Katayuwat

**katayuwat** *coordinates*

**Dekarthíng** *Cartesian*

**múlaan** *origin*

**tuntón** *plot (n.)*

**talanguhit** *graph*

**taluhog** *axis*

**hilig** *slope*

**higawat** *abscissa*

**tayuwat** *ordinate*

**kapatán** *quadrant*

**tugano** *vector*

## 4 Pálákipanan

### 4.1 Palatangkan

**tangkas** *set*

**walang-laman** *empty*

**mulhagi** *element*

**kapíd** *pair*

**ayós** *order*

**kubtangkas** *subset*

**angkop** *proper*

**kaisahán** *union*

**bagtás** *intersection*

**díugnay** *disjoint*

**lahátan** *universal*

**kahalgá** *equivalent*

**kapunô** *complement*

**sungkád** *bijection*

### 4.2 Pagpili

**pálákipan** *combination*

**pámálitán** *permutation*

**talay** *table*

**hanay** *row*

**tudlíng** *column*

**pasok** *entry*

**búuin** *factorial*

**kalagmitán** *probability*

**saliringing** *independent*

**bigát** *weight*

**alisagâ** *random*

**dagdag-bawas\*** *inclusion-  
exclusion*

## 5 Sukgísan

### 5.1 Lahátan

**hawíg** *similar*

**kalapat** *congruent*

**kaguhit** *collinear*

**katuntong** *concurrent*

**laraw** *figure*

**panihâ** *protractor*

**galod** *ruler*

**parianyuin** *symmetry*

**sabalik** *reflection*

**pariagwat** *equidistant*

**duhati\*** *bisector*

**tathati\*** *trisector*

### 5.2 Siksín

**siksín** *solid*

**buók** *volume*

**dayag** *surface*

**damdayag** *polyhedron*

**talutô** *cone*

**binuók** *cube*

**tagilô** *pyramid*

**balimbíng** *prism*

**bumbóng** *cylinder*

**timbulog** *sphere*

**habà** *length*

**lapad** *width*

**taas** *height*

### 5.3 Lapyâ

**lapyâ** *plane*

**guhít** *line*

**kilô** *curve*

**putól** *segment*

**tuldok** *point*

**gituldok** *midpoint*

**sinag** *ray*

**tadlóng** *perpendicular*

**agapáy** *parallel*

**bagtâs** *intersection*

### 5.4 Sihà

**sihà** *angle*

**bagtasan** *vertex*

**kipót** *acute*

**tadlóng** *right*

**bikâ** *obtuse*

**ladlád** *straight*

**pabalik** *reflex*

**antás** *degree*

**radyan** *radian*

**kapunô** *complementary*

**kaladlád** *supplementary*

### 5.5 Damsihà

**damsihà** *polygon*

**gilid** *side*

**bagtasan** *vertex*

**dawak** *area*

**gikop** *perimeter*

**hilís** *diagonal*

**tatsihà** *triangle*

**patgilid** *quadrilateral*

**limsihà** *pentagon*

**nimsihà** *hexagon*

**pitsihà** *septagon*

**walsihà** *octagon*

**samsihà** *nonagon*

**pulsihà** *decagon*

**parigilid** *equilateral*

**parisihâ** *equiangular*

## 5.6 Tatsihâ

**kaduhain** *isosceles*

**bagtasán** *vertex*

**takad** *base*

**tadlóng** *right*

**tayog** *altitude*

**tadtungâ\*** *orthocenter*

**lobtungâ\*** *incenter*

**tiktungâ\*** *circumcenter*

**gitungâ\*** *centroid*

## 5.7 Patgilid

**tagigapáy** *trapezoid*

**parigapáy** *parallelogram*

**tagisukát** *rhombus*

**paritadlóng** *rectangle*

**parisukát** *square*

**tikupan\*** *cyclic*

**dikítan\*** *tangential*

## 5.8 Bilog

**bilog** *circle*

**hatimbilog** *semicircle*

**tungâ** *center*

**tikop** *circumference*

**bantód** *diameter*

**lihit** *radius*

**bantók** *arc*

**bagtíng** *chord*

**tangab** *secant*

**dikít** *tangent*

**lihà** *sector*

**bumabatak\*** *subtend*

## 5.9 Tatsihaan

**sinwáy** *sine*

**kasinwáy** *cosine*

**tanway** *tangent*

**katanway** *cotangent*

**sekwáy** *secant*

**kasekwáy** *cosecant*

**kakabisà** *cofunction*

**batas** *law*

## 6 Palábilangan

**bilang** *number*

**tambilang** *digit*

**tahás** *positive*

**balíng** *negative*

**kaparami** *multiple (n.)*

**pahatì** *divisor*

**kabuô** *factor*

**tukól** *even*

**gansál** *odd*

**lantáy** *prime*

**himpit** *perfect*

**parirami** *square*

**talurami** *cube*