

Mathematics Pronunciation Guide

A Megametamathematical Guide of the Proper American English Pronunciation of Terms and Names for the Diacritally Challenged,

This guide includes most mathematicians and mathematical terms that may be encountered in high school and the first two years of college. Proper names are generally pronounced as in the original language.

Some entries are obscure and may be useful only in a game of mathematical trivia, e. g. d'Alembert's mother, the name of the line in a fraction, or who shot Galois.

I have not had the time to include most definitions or accomplishments. The curious person may try searching the internet for such information. However I have given a few, they are indicated with **?** Move the cursor to the symbol and wait a second.

Dates include B.C. or A.D. only if the choice is not obvious from the context.

The Guide is not complete, I will be adding more pronunciations and entries as time permits. (I did not give up my day job.)

(The **red dates** and **purple pronunciations** are not links.)

Please let me know about any errors. I have tried to find at least two references for each item but sometimes was not able to do so. Comments and suggestions welcomed. Any help with missing dates and pronunciations will also be welcomed.

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Pronunciation Key and Notes: **(Please read)** Go to my [Homepage](#)

a as in sat ,	g as in go ,	oy as in boy ,
ah as in bother ,	hw as in what ,	s as in sat ,
air as in pair ,	i or ih as in sit ,	ss as in case ,
aw as in saw ,	y , ye , or igh as in tie ,	th as in thin ,
ay as in lay ,	j as in jet ,	th as in this ,
e as in set ,	o as in cot ,	u as in put ,
ee as in bee ,	oh as in toe ,	uh as in cup or ago ,
er as in bird ,	oo as in moon ,	uh is also used in place of the schwa ,
ehr as in berry ,	ow as in now ,	[ng] as in ring ,
		zh as in vision ,

The following do not have English equivalents. Consult a fluent speaker of the appropriate language for the proper pronunciation.

[oe] as in French **feu** or German **Schön**

N is a nasal n as in French **bon**

R is a rolled **r**

[ue] as in French **tu** or German **über**

KH as in Scottish **Loch** or German **ich**

Primary stress is indicated with 'before the stressed syllable.

A secondary stress is indicated with ,before the stressed syllable.

Italics are used for titles, "nonenglish" words are not marked.

Since English does not contain some sounds from other languages and because I am trying to keep this relatively simple the pronunciations are sometimes only approximate, but, it is hoped, within epsilon.

The bar separating the Guide from these notes is movable if you prefer to make this window smaller.

A

abacist 'ab uh sist

abacus 'ab uh kuhss

abaci 'ab uh sigh or abacuses 'ab uh kuhss uhs

Edwin A. Abbot 1838-1926 'ed wuhn 'ab uht

Niels Henrik Abel 1802-29 nils 'hen rik 'ah buhl (roll the r)

Abelian uh 'beel yuhn

abscissa ab 'sis suh

absolute 'ab suh loot

abundant uh 'buhn duhnt

acceleration ak 'sil uh 'ray shun

Achilles uh 'ki leez

W. Ackerman ? ak uhr muhn

Acta Mathematica 'ahk tah maht he mah 'tee kah

Acta Eruditorum 'ahk tah ay roo dee 'toh rum

acute uh 'kyoot

John Quincy Adams ? 1767-1848 jahn 'kwint see ad uhms

add ad

addend 'a dend

addition uh 'di shuhn

additive 'ad uh tiv

ad infinitum ad in fuh 'night uhm Latin: ahd ihn fee 'nee tum

adjacent uh 'jay suhnt

Leonard Adleman fl. 1977

Alfred Adler ? 'al fred 'ahd luhr

Ad locus planos et solidos isagoge (Fermat) ahd 'loh kuhs 'plahn ohs et
'soh lih duhs ihs ah 'goh ge

affine a 'fyn

a fortiori ah for tee 'oh ree

Maria Gaetana Agnesi 1718-99 'mah ree ah ,gah ay 'tah nah
an 'yay zee

aha (noun) ah 'hah

Ahmes **seventeenth century B.C.** 'ah mess or 'ah meez
Ahmes Papyrus 'ah mess puh 'py ruhs

Alabama al uh 'bam uh

al-Biruni **973-1048** ,al bee 'roo nee
(Abu ar-Rayhan Muhammed ibn Ahmad al-Biruni)

Alcuin of York **fl.c775** 'al kwɪn yohrk

Jean Le Rond d'Alembert **1717-83** zhahn luh rohN dah lahN ber

aleph 'ah ,lif
aleph null 'ah ,lef nuhl
(also aleph naught, aleph nought, aleph zero)
(naht, naht, 'zee ,roh)

John Alexander **fl. 1928** al eg 'zan duhr

algebra 'al juh bruh

Algebra (Bombelli)

algebraic al juh 'bray ik

algebraist al ju 'bray ist

algorist 'al guh rist

algorithm 'al guh rith uhm

Algorithmi de numero Indorum (al-Khwarizmi)

aliquant 'al uh kwahnt

aliquot 'al uh kwaht

Al-jabr wa'l muqabalah (al-Khwarizmi)

al-Kash of Samarkand **fl. 1424**

Mohammed ibn Musa al-Khwarizmi **c800-c850** al khwahr 'iz mee
(also al-Khowarizime) (ahl KHoh wah reez me)

allometry uh 'lahm uh tree

Almagest (Ptolomy) 'al muh jest

al-Mamun **786-833** al mah 'moon
(also al-Mamoun)

alpha 'al fuh

alphameric ,al fuh 'mehr ik

alphanumeric ,al fuh ,nu 'mehr ik

amicable 'am uh kuh bel
amicable numbers 'am uh kuh bel 'nuhm buhrz

approximation uh ,prahk suh may shuhn

a priori ,ah pree 'oh ree

Arabic numerals 'air uh bik 'noom ruhls

Dom̄inique Franois Jean Arago 1786-1853 daw mee neek zhahn ah rah goh
English: 'ar uh ,goh

arbelos

arc ahrk

Archimedes of Syracuse c287-12 ahr ki 'mee deez 'sir uh kyooz

Archimedian ahr kuh 'mee dee ahn

Archytas of Tarentum 428-365 ahr 'ky tuhs tuh 'ren tuhm

are (SI unit) ayr

area 'ar ee uh

Jean Robert Argand 1768-1822 ahr gahN

Aristarchus of Samos c310-c250 ar i 'stahr kuhs 'say mahs

Aristotelian ar ,iss tah ,teel yan

Aristotle 384-22 'ar uh stahtuhl

arithmetic (noun) uh 'rith muh ,tik

arithmetic (adjective) ,a rith ,med ik

Arithmetica (Diophantus)

Vladimir Arnold fl. 1960

array uh 'ray

Kenneth Arrow fl. 1952

Richard Askey as kee

Ars Conjectandi (Jakob Bernoulli)

Ars Magna (Cardano)
(*Artis magne sive de regulis algebraicis*)

Arya-Bhata (or Aryabhata) ?476-530 'ahr yuh 'bhut

Aschauliche Geometric (Hilbert and Cohn-Vossen)

astragalus as 'truhg uh luhs

astragali as 'truhg uh lye

astroid 'as troyd

asymmetric ay suh 'me trik

asymptote 'a sim toht
asymptotic ,a sim 'tah tik
Derek Atkins fl. 1994
Attalus c269-197 'a tuh luhs
atto- 'a ,toh
attractor uh 'trak tuhr
strange attractor straynj uh 'trak tuhr
augend 'aw jend
St. Augustine 354-450 saynt 'aw gus teen
average 'av rij
avoirdupuis ,a vuhr duh 'poyz c.f. [Galois](#)
axes (plural of axis) 'ak seez
axiom 'ak see uhm
axiomatic 'ak see uhm 'a tik
axis 'ak suhss
Hannah Ayscough ? 'as koo

B

Charles Babbage 1792-1871 'bab aj
Claude Gaspard de Bachet de Méziriac 1591-1639
R. Backlund
Per Bak
Henry F. Baker 'bay kuhr
R. Balasubramanian
Michel Balinski
Stefan Banach 1892-1945 'bah nahKH
Leon Bankoff
John Banzhaf
Michael Barnsley
Isaac Barrow 1630-77 'bair oh
Johann Bartels
Eugenio Beltrami fl. 1868

Bishop George Berkeley 1685-1753 'bahr klee or 'berk lee

Bernoulli bur 'noo lee

Daniel 1700-82

Jacob (Jacques, James) 1654-1705

Johann (Johannes, Jean, John) 1667-1748

Nicolaus 1687-1759

Bernoulli's law

G. G. Berry

Berry's paradox

Joseph L. F. Bertrand

Fredrich Wilhelm Bessel 1784-1846 'bess uhl

beta 'bay duh

bezant 'bez ent

Pierre Bézier 1910-1999 bez ee ay

Bhaskara 1114-c1185 'bhah skur

(also Bhaskaracharya) 'bhah skuh rah 'chahr yuh

Ludwig Bieberbach fl. 1916 'bee bur bahk

Bieberbach conjecture

bifurcation by 'fuhr kay shuhn

bilateral 'by lad uh ruhl

binary 'by nuh ree

Jacque Binet

binomial by 'noh mee ahl

bit bit

H. F. Blichfeldt

Manuel Blum

Johann Elert Bode 1747-1826 'boh de

Niels Henrik David Bohr 1885-1962 bohr

Ludwig Boltzman 1844-1906 'bohlt smahn

Farkas Wolfgang Bólyai 1775-1856 'bah1 yah ee

János Bólyai 1802-60 'bah1 yah ee

Rafael Bombelli 1526-72

Napoleon Bonaparte 'boh nuh part

George Boole 1815-64 bool

Boolean 'boo lee uhn

Jean-Charles de Borda 1733-99

Émile Felix-Édouard-Justin Borel 1871-1956 bo rel
with o between o in move and o in song

Giovanni Borelli fl. 1680

K. V. Borodzin

Sandro Bottecelli 1444-1510 'boht tee tshel lee
English: bawt ih 'chel ee

Pierre Bouguer 1698-1758 pee ,air boo gair

Nicolas Bourbaki late 1920s -199? ,boor ,bah 'kee

Rufus Bowen

Werner Boy

Carl B. Boyer

Robert Boyle 1627-91 boyl

bra brah

brachistochrone (or brachystochrone) brah 'kist o krohn

James Bradley 1693-1762

Tycho Brahe 1546-1601 'tee koh 'brah uh

Brahmagupta 598-after665

Henry Briggs 1561-1630

Louis Victor de Broglie 1892-1987

Lord Brouncker 1620-84

Luitzen Egbertus Jan Brouwer 1881-1966 'brow uhr

N. G. de Bruijn

V. Brun

Geodarno H. Bruno 1548-1600 'broo noh

brute broot

Georges Louis Leclerc, comte de Buffon 1707-88 zhawrzh loo ee luh klar
kohNt duh b[ue]N 'fohN

Ugo Buoncompagni

Joost (Jobst) Bürgi 1552-1632 'b[ue]r gee
English: 'buhr gee

busy beaver 'biz ee 'bee vuhr

Johannes Buteo (Jean Borrel) c1492-c1568

Augusta Ada Byron Countess of Lovelace 1815-52

byte bight

C

Calcul des Probabilités (Bertrand)

the calculus 'kal kyuh luhss

Chris K. Caldwell

calliope (the musical instrument) 'cal ee ,ohp

Georg Ferdinand Ludwig Philip Cantor 1845-1918 'kahn tawr

cap kap

Girolamo Cardano (or Cardan) 1501-76 ja 'ro lam ,oh kahr 'dah noh
(Jerome Cardan, Hieronymus Cardanus)

cardinal 'kahrd nuhl

cardinality ,kar duhn 'al ih tee

cardioid 'kahr dee oid

Sadi Carnot kahr 'noh

Lewis Carroll 1856-98

Cartesian kahr 'tee zhuhn

catastrophe kuh 'tass troh fee

category 'kad uh ,gawr ee

catenary 'katn ,ehr ee

Augustin-Louis Cauchy 1789-1857 coh shee

Bonaventura Francesco Cavalieri 1598-1647 ,kav uh 'lyer ee

Henry Cavendish 1731-1810

Arthur Cayley 1821-95 'kay lee

Anders Celsius 'sel see uhss

centi- 'sen tih

Loudolph von Ceulen 1540-1610 'k[oe] len

Gregory Chaitlin

chaos 'kay ahss

Jacques Alexandre Cesar Charles 1746-1823 shahr

C. V. I. Charlier fl. 1908

Emile du Chatelet 1706-49

R. Chen

chi ky

Chia chang suan-shu

chooser 'choo ,zer

chord kohrd

Chou pei suan ching

E. B. Christoffel kris 'toh ful

Chudakov

David & Gregory Chudnovsky

Chu Shih-chieh c1280-1303

cipher 'sy fuhr

circle 'sur kuhl

circuit 'sur kit

circumcenter 'suhr kuhm ,sen tuhr

circumference suhr 'kuhm fuh renss

circumscribe 'suhr kuhm ,skryb

cissoid 'siss oyd

Alexis Calude Clairaut 1713-65 kluh 'roh

Rudolf Clausius 1822-88 'klow zee uss

Rudolf Clebsch

William Kingdon Clifford 1845-79

clique kleek or klik

coalition koh uh 'lish uhn

coefficient koh uh 'fish uhnt

Cogitata Physico-Mathematica (Mersenne)

H. Cohen

Paul Cohen 1934-

Frank Nelson Cole

collapsible compass kuhl 'lap suh buhl 'kuhm puhss

collegium kuh 'leej ee uhm Latin: koh 'leg ee uhm

combinatorial ,kahn buh nuh 'tohr ee uhl

compass 'kuhm puhss

compasses (a singular word) 'kuhm puhs ez

Comptes Rendus

concentric kuhn 'sen trik

conchoid 'kah[ng] koyd

Marie Jean Antoine Nicolas Caritat, Marquis de Condercet 1743-94 'cawn der say

cone kohn

confounding kuhn 'fownd i[ng]

congruence 'kuhn ,groo uhns

conic 'kahn ik

conical 'kahn ih kuhl

conjecture kuhn ,jek chur

conjugate 'kahn juh guht

Conon

continued kuhn 'tin yood

continued fraction kuhn 'tin yood 'frak shuhn

continuous kuhn 'tin yoo uhss

continuum kuhn 'tin yoo uhm or kuhn 'tin yuh wuhm

continuum hypothesis kuhn 'tin yoo uhm hy 'pahth uh siss

John Horton Conway

Stephen Cook

coordinate (noun) koh 'ord uh nuht

Copernican koh 'pur ni kan

Nicolaus Copernicus 1473-1543 koh 'pur ni kuhss
(Mikolaj Kopernik)

cos 'koh syn

cosa

cosecant 'koh ,see kant

cosh ,hy per ,bahl ik 'koh syn

cosine 'koh syn

Cotes 1682-1716

Charles Coulomb 1736-1806

Coulomb's Law

countable 'kownt uh buhl

counterexample 'kownt uhr egs 'am puhl

coyote 'ky oht

Gabriel Cramer 1704-52 'kray mer

August Crelle 1780-1855 'kreI uh

critical 'krid uh kuhI

cross-cap 'krawss kap

cross product krawss 'prah duhkt

csc cosecant

csch hyperbolic cosecant

cube kyooob

cubic 'kyoo bik

cubit

e. e. cummings

cup kuhp

curl kerl

curtate 'kuhr tayt

curvature 'kuhr vuh chuhr

curve kuhrv

cuspid kuhsp

cycloid 'sy ,kloyd

cylinder 'sil uhn duhr

D

Karl Dahlke

Jean Le Rond d'Alembert 1717-83 dah lahN 'behr

George Bernard Dantzig 1914-

Gaston Darboux

Leonardo da Vinci dah 'veen chee

deadhead (not about the Grateful Dead)

De analysi (Newton)

Louis de Branges

Louis Victor de Broglie 1892-1987

N. G. de Bruijn

deca- 'dek uh

decagon 'dek uh gahn

decahedron 'dek uh 'hee druhn

deci- 'dess ih

decimal 'des muhl

decreasing di 'kreess i[ng]

Julius Wilhelm Richard Dedekind 1831-1916 'day du kint

De Divina Proportione (Pacioli & da Vinci)

deficient di 'fi shunt

definite 'def uh nit

definition def uh 'nish uhn

degenerate di 'gen uh ruht

degree di 'gree

del del

Charles J. de la Vallée-Poussin M. Deleglise 1866-1962

Scipione del Ferro 1465-1526

delta 'del tuh

deltoid 'del ,toyd

De Mensura Sortis (de Moivre)

Antoine Gombaud, Chevalier de Méré fl. 1654 an twahn gohm bawd shuh 'val
"yay de may ray

De methodis fluxionum (Newton)

Democritus c 470-c 357 dee 'mok ri tus

Abraham de Moivre 1667-1754 duh 'mwah vruh

Augustus de Morgan 1806-71 duh 'mawr guhn

denominator di 'nahm uh nayd uhr

dense denss

dependent di 'pen duhnt

depressed di 'prest

De Revolutionibus Orbium Caelestium (Copernicus)

derivative duh 'riv uh div

Gérard Desargues 1593-1662 zhay 'rar day 'zaRg

René Descartes 1596-1650 ren 'ay day kahRt

Descriptio (Napier)

descriptive di 'skrip tiv

De Stella Nova (Kepler)

Chevalier Destouches ?

Robert Devaney

deviation 'dee vee ay shuhn

d'Handt

Persi Diaconis

diameter dy 'am uh duhr

Leonard Eugene Dickson 1874-1954

dictator 'dik tay tuhr

Denis Diderot 1713-84 duh nee dee der 'oh

Princess Dido 'dee doh

Dido's problem

differential ,dif uh 'ren chuhl
differential calculus

differentiate ,dif uh 'ren chee ayt

digraph 'dy graf

dimension duh 'men shuhn or dy 'men shuhn

diminisher duh 'mi ni shuhr

Diophantine dy uh 'fan tin

Diophantus of Alexandria **third century** dy oh 'fan tuhss al eg 'zan dree uh

G. A. Dirac

Paul Adrian Maurice Dirac **1902-84** di rak

directrix duh 'rek triks

Peter Gustav Lejeune Dirichlet **1805-59** 'pay tuhr 'goos tahf luh 'zhuhn dee ree 'shlay

discontinuity dis ,kahnt uh 'noo uhd ee

discontinuous dis kuhn 'tin yoo uhss

discrete di 'skreet

discriminant di 'skrim uh nuhnt

La Disme (Stevin)

Disquisitiones Arithmeticae (Gauss)

divergence duh 'vuhr juhns

divergent duh 'vuhr jent

divider duh 'vy duhr

David DiVincenzo

Jean Dixon effect jeen 'dik suhn i 'fekt

dodecagon doh 'dek uh gahn

dodecahedron doh ,dek uh 'hee druhn

Charles Lutwidge Dodgson **1832-98**

domain doh 'mayn

Christian Johann Doppler **1803-53** 'dohp lur

Doppler effect 'dahp luhr i 'fekt

Adrien Douady

Ding-Zhu Du

Duality Principle

Lester Dubins

Harvey Dubner

Whitfield Duffie

dummy 'duh mee

Albrecht Dürer 1471-1528 'ahl breKHt 'd[ue]RuhR
English: 'dur uhr or 'dyur uhr

dynamics dy 'nam iks

E

e ee

eccentricity ,ek sen 'tris uhd ee

ecliptic i 'klip tik

Arthur Stanley Eddington 1882-1944

Brother Edvin fl. 1240

e. g. exempli gratia means for example cf. [i. e.](#)

Albert Einstein 1879-1955 'iyn shtyn

Max Eisenstein

Elements (Euclid)

ellipse ih 'lips

ellipsis ih 'lip siss

ellipsoid ih 'lip soyd

elliptic ih 'lip tik

encyclopédistes

ENIAC 'ee nee ak

Enigma ih 'nig muh

entropy 'en truh pee

Entscheidungsproblem

Enumeratio linearum tertil ordinis (Newton)

epicycle 'e puh ,sy kuhl

Epimenides fl. c500 B.C. ep ih 'men ih deez

epsilon 'ep suh ,lahn

equal 'ee kwuhl

equation ih 'kway zhuhn

equidistant ee kwuh 'dis tuht

equilateral ,ee kwuh ,lad uh ruhl

Eratosthenes of Cyrene c276-c194 ,er uh 'tahs thuh neez sy 'ree nee

Paul Erdős 1913-97 powl 'ayr dish
Erdős number 'ayr dish 'nuhm buhr

Erlangen Program air 'la[ng] en 'proh ,gram

Erode

Maurits Cornelis Escher 1898-1972 'mow rits kawr 'nah luhs 'es KHuhr
English: 'esh uhr

T. Estermann

eta 'ay duh

Etruscan Venus ee 'truhs kuhn 'vee nuhss

Euclidean yoo 'klid ee yuhn

Euclid of Alexandria ?330-275 Here's looking at yoo klid
al eg 'zan dree uh

Euclid of Megara ?450-374 yoo klid 'meg uh ruh

Eudemus of Rhodes fl. c320 B.C. 'yoo duh muhs rohdz

Eudoxis of Cnidus 408-355 yoo'dahk suhs 'ny duhs

Leonard Euler 1707-83 'oy ler rhymes with toiler

Euler-Mascheroni constant 'oy ler mahs ke 'roh nee

Euler's number 'oy lerz 'nuhm buhr

evolute 'ev uh loot

exa- 'eks uh

excluded middle eks 'klood uhd 'mi dl

exclusion principle eks 'kloo zhuhn 'print suh puh1

exhaustions ig 'zaws chuns
method of exhaustions 'me thuhd uhv ig 'zaws chuns

exponent 'ek ,spoh nuht

exponential ,ek spuh 'nen chuhl

exterior ek 'stir ee uhr

extraneous ek 'strayn ee uhss

extrema ek 'stree muh

extreme ek 'streem

extremum ek 'streem uhm

F

factor 'fak tuhr
factorial fak 'tohr ee uhl
Gabriel Daniel Fahrenheit 1686-1736 'gahb ree el 'dahn yel 'fah ruhn hyt
English: 'far uhn ,hyt
fair game fair gaym
Michael Faraday 1791-1867 'my kuhl 'far uh ,day
Farey 'far ee
Farey sequence 'far ee ,see kwuhns
Pierre Fatou fah 'too
Gustav Theodor Fechner 1601-65 'gus ,tahf 'tay oh ,dohr 'fekH nuhr
Mitchell J. Feigenbaum
Feigenbaum's constant
femto- ,fem toh
Fereydoon
Pierre de Fermat 1601-65 fehr 'mah
Lodovico Ferrari 1522-65 ,loo daw 'vee koh fer 'rah ree
Scipione del Ferro 1465-1520
Richard Phillip Feynman 1918-88 'fyn man
Fibonacci c1170-after1240 ,fee buh 'nahch ee
(also: Leonardo of Pisa)
finite 'fy nyt
George Francis FitzGerald 1851-1901 jorj 'fran suhss fits 'jer uhld
Fleury fluhr ee
Henry Fliegel
floating point 'flohd i[ng] poynt
Flos (Fibonacci)
fluxions 'fluhk shuhnz
method of fluxions 'me thuhd uhv 'fluhk shuhnz
focal 'foh kuhl
focal point 'foh kuhl poynt
foci 'foh ,sy
focus 'foh kuss
folium 'foh lee uhm

formula 'fohr myuh luh

Jean Baptiste Joseph Fourier 1768-1830 zhahn bah teest zhoh zef foo 'Ryay

Marjorie Fox

fractal 'frak tuhl

fraction 'frak shuhn

Michael Freedman

Fredrich Ludwig Gottlob Frege 1848-1625 'fray guh

frequency 'free ,kwuhn see

Augustin Jean Fresnel 1788-1827 fray 'nel

Alexander Friedmann 1888-1925 freed man

friendship problem 'fren ship ,prahb lem

Gemma Frisius 1505-55

Georg Frobenius

frusta 'fruhs tuh

frustum 'fruhs tuhm

function 'fuh[ng]k shuhn

functional 'fuh[ng]k shuhn uhl

fuzzy 'fuhz ee

G

Gabriel

Galilean gal i 'lay uhn

Galileo Galilei 1564-1642 gal i 'lay oh gal i 'lay ee

George H. Gallup 1901-84

Évariste Galois 1811-32 gal 'wah cf. [avoidupois](#)

Francis Galton 1822-1911 'gawl tn

game gaym

gamma 'ga muh

Martin Gardner

James A. Garfield? 1831-81

George Gasper

gauge invariance gayj ,in 'vair ee uhnts

Johann Gauss

Karl Friedrich Gauss 1777-1855 gowss

Joseph Louis Gay-Lussac 1778-1850 gay l[ue] 'sak

Hans Wilhelm Geiger 1882-1945 'gy ger

gene jeen

generatrix ,jen uh ,ray triks

generatrices ,jen uh ,ray trih seez

Gerhard Gentzen

geodesic jee uh 'des ik

geodesy jee uh 'des ee

geometric ,jee uh 'me trik

Géométrie (Descarte)

geometry jee 'ahm uh tree

Sophie Germain 1776-1831 zhehr miN

Josiah Willard Gibbs 1839-1903 gibz

GIF jif (because its creators say so, even though the G is for graphics)

giga- 'gih guh or jih guh

glide glyd

global 'gloh buhl

gnomon 'noh muhn

gnomonic noh 'mahn ik

Kurt Gödel 1906-78 'g[oe]d uhl

Should be something like *girdle* without the r

English: 'gay duhl

Christian Goldbach 1690-1764 'gohl bahk

Golbsp; 'gohl bahk

Goldbach Conjecture 'gohl bahk kuhn ,jek chuhr

golden ratio 'gohl duhn 'ray ,shoh

golden section 'gohl duhn 'sek shuhn

Value is approximately

1.6180339887498948482045868343656381177203091798057628621354486227052604628189
024497072072041893911374

Solomon Golomb

Antoine Gombaud, Chevalier de Méré fl. 1654 an twahn gohm bawd shuh 'val
"yay de may ray

Gompertz

gon gahn

googol 'goo gawl

googolplex 'goo gawl ,pleks

Gordan

Bill Gosper bil gah spuhr

Ferdinand Gottfried

gradient 'grayd ee uhnt

Ronald Graham

J. P. Gram

graph graf

Hermann Grassman 'grahs mahn

greedy 'gree dee

George Green 1793-1841 green

James Gregorie 1638-75

Pope Gregory XIII (Gregorius XIII) 1502-85 pohp 'greg uh ree
(greg 'ohr ee uhs)

John Gregory

Peter Grimm

Gröbner

Hermann Grossman

Grundgesetze der Arithmetik (Frege)

Catherina Gsell

Domenico Guglielmini

Karl Gustav

Francis Guthrie fl. 1852

gyration jy 'ray shuhn

H

Jacques Hadamard 1865-1963 'had uh ,mahr

Wolfgang Haken 1928-
Edmund Halley 1656-1742 'hal ee
Alexander Hamilton 'ham uhl tuhn
William Rowan Hamilton 1805-65
Hamiltonian 'ham uhl 'toh nee uhn
Richard Hamming 1915-
Heiko Harborth
G. H. Hardy 1877-1947
harmonic hahr 'mahn ik
Harriot fl. 1631
Edward Harrison
Felix Hausdorff 'howz dohrf
Oliver Heaviside 1850-1925
hect- or hecto- hekt or 'hek tuh
hectare 'hek ,tair
Carl Heiles
Werner Karl Heisenberg 1901-76 'hyzn berg
hekat
helical 'hee ,lik uhl
helix 'hee ,liks
Martin Hellman
hemisphere 'he me ,sfir
Michel Hénon
heptagon 'hep tuh gahn
heptakaidecagon ,hep tuh ky 'dek uh gahn
Pescheux d'Herbinville ? early 1600s
Charles Hermite 1822-1901 ehr 'meet
Hero of Alexandria c.A.D. 75 'hir oh al eg 'zan dree uh
Herodotus
Heron (Hero of Alexandria) 'her awn

Heinrich Rudolph Hertz 1857-94

hexadecimal hek suh 'des muhl

hexagon 'hek suh gahn

hexahedron ,hek suh 'hee druhn

David Hilbert 1862-1943 'hil buhrt

George Hill 1862-1943

Joseph A. Hill

Hipparchus of Bithgnia 190-120

Hipparchus of Nicaea ?160-? B.C. hi 'pahr kuss ny 'see uh

Hippasus of Metapontum 'hip uh suhss met uh 'pahn tuhm

Hippocrates of Chios 450-400 'ky awss
not to be confused with Hippocrates of Kos (Latin: Cos) kahs

Morris Hirsch

E. W. Hobson

David Hoffman

Hofreiter

Douglas Hofstadter

John Holland

Herman Hollerith 1860-1929

Bernt Holmboe

homogeneous ,hoh muh 'jee nee uhs

Robert Hooke

Eberhard Hopf 1902-83 hawpf

Horner's method 'horn erz 'meth uhd

Marquis de l'Hospital 1661-1704 loh pee tal

Chia Hsien c1050

hsuan thu

T. C. Hu

John Hubbard

Edwin Hubble 1889-1953

Edward V. Huntington

John Hutchinson

Aldous Huxley

Christiaan Huygens 1629-95 'hy genz

Frank Hwang

Hypatia 370-415 hy 'pay shuh

hyperbola hy 'per buh luh

hyperbolic ,hy per ,bahl ik

hyperboloid hy 'per buh loyd

hypercube 'hy per ,kyoob

hypoteneuse hy 'paht n ,ooss

I

i igh

Ibn Khaldun

icosahedron igh ,kah suh 'hee druhn

identity igh 'den uh dee

i. e. id est id est means "that is" cf. [e. g.](#)

Ikeda map

ill-posed 'il ,pohzd

image 'im ij

imaginary ih ,maj uh nair ee

implicit im 'pliss it

improper ,lm 'prahp uhr

incenter ,in ,sen tuhr

incommensurable 'in kuh 'mens uh ruh buhl

incompleteness theorem

inconsistent ,in kuhn 'siss tuhnt

increasing in 'krees i[ng]

Indlekofer

independent ,in di 'pen duhnt

indeterminate ,in de 'tuhrm ihn uht

index 'in deks
induction in 'duhk shuhn
inequality ,in i 'kwahl uh dee
inertia in 'er shuh
infinite 'in fin it
infinitesimal ,in ,fin uh 'tess i muhl
infinity in 'fin uh dee
integer 'in tuh juhr
integral 'in tuh gruhl
integrate 'int uh grayt
intercept ,in tuhr ,sept
interior in ,tir ee uhr
interval 'in tuhr vuhl

Introductio in Analysin Infinitorum (Euler)

intuitionism ,in tu 'wi shuh ,ni zuhm
inverse 'in vuhrs
iota igh 'oh tuh
irrational ih 'rash uhn uhl
irreducible ,ir i 'doo suh buhl
isochrone 'igh suh krohn
isoperimetric ,igh soh ,pair uh 'me trik

On Isoperimetric Figures (Zenodorus)

isosceles igh 'sahss e luhss
iterated 'id uh ,rayd uhd
iteration ,id uh 'ray shuhn

J

Karl Gustav Jakob Jacobi 1804-51 juh 'koh bee
Jacobian juh 'koh bee uhn
Joseph-Marie Jacquard 1752-1834 zhah 'kahr
Ja'rai

James Hopwood Jeans 1877-1946 jeenz

Thomas Jefferson 1743-1826 'jef er suhn

jiva

Vaughan F. Jones

Camille Jordan 1838-1922 zhawr 'dahN

JPEG

Gaston Julia

junction 'juh[ng]k shuhn

W. B. Jurkak

K

Kaestner

Yasumasa Kanada

Immanuel Kant 1724-1804

kappa 'kap uh

Narendra Karmarkar

Jack Karush

Kekeya kay ,kee ah

Kekeya needle problem kay ,kee uh 'need uhl 'prahb luhm

Johann Kepler 1571-1630

Brian Kernahan

John Kerrich

Richard Kershner

ket ket

L. G. Khachian

Omar Khayam ?1048-?1131

khet

Mohammed ibn Musa al-Khwarizmi c800-c850 al khwahr 'iz mee
(also al-Khowarizime) (ahl KHoh wah reez me)

kilo- 'ki luh

kilometer 'ki luh ,mee tuhr

Jerry P. King

Daniel Kirkwood 1814-

Felix Klein 1849-1925 kliyn

Morris Kline

B. Knaster

Knight

knot naht

Koch curve kahKH kuhrv

Andrei N. Kolmogorov ,kahl muh 'gah rahf

Königsberg k[oe]n 'iks buhrg

Sonja Kowalewski 1850-91
(Sofia Kovalevskaja, Kovalevsky)

Saul Kripke

Vincent Kromarek 1876-1956 kroh mahr ek

Leopold Kronecker 1823-91 'kRoh nek uhr

Joseph Kruskal

Kuen's surface

Kumbakonam

Ernst Kummer 1810-93

Martin Wilhelm Kutta 1867-1944 'mar tin 'vil helm 'kud uh

kybos

L

Miklós Laczkovich

Joseph-Louis Lagrange 1749-1827 luh 'grahNzh

Lagrangian luh 'grahn jee uhn

Clement Lam

lambda 'lam duh

Johann Heinrich Lambert 1728-77

Gabriel Lamé 1795-1870

La Methode (Descarte)

lamina

E. Landau

Lev Landau

Leon Lander

Marquis Pierre Simon de Laplace 1749-1827 luh 'plahss

Laplacian luh 'plahs ee uhn

Jacques Laskar fl. 2000 zhahk lass kahr

lateral 'lad uh ruhl

Latin square 'lat uhn skwair

latus rectum 'lad uhs 'rek tuhm

Henri Lebesgue 1875-1941 ahN ree luh 'beg

Mr. Leblanc

John Leech

Adrien-Marie Legendre 1752-1833 luh 'zhahn druh

R.S. Lehman

Gottfried Wilhelm Leibnitz 1646-1716 'lyp nits English: 'lyb nits

lemma 'lem uh

lemniscate lem 'nis kayt

Le Monde (Descarte)

length le[ng]th

Arjen Lenstra

Leonardo of Pisa 1175-1230

Urbain Le Verrier

Tullio Levi-Civita 'lay vee chee 'vee tah

l' Hôpital 1661-1704 loh pee tal

Lho Shu

Willard Frank Libby 1908-80

Liber abaci (Fibonacci)

Liber de Ludo Aleae (Cardano)

Sophus Lie 1842-99 lee

life lyf

E. M. Lifshitz

limaçon 'lim uh sawn French: ,lee muh 'sohN

limit 'lim it

Shen Lin

C. L. F. Lindemann 1852-1939

line lyn

linear 'lin ee uhr

Joseph Liouville 1809-82 'lyoo ,veel

Hans Lippershey

R. Lipshitz 'lip shits

Jules Antoine Lissajous 1822-1880 zhool ahN twan lee sa 'zhoo

John Littlewood 1885-1977 'lid uhl ,wood

lituus 'lich uh wuhss

Nikolai Lobachevski 1792-1856 loh buh 'chef skee
(Lobachevsky, Lobatchewski)

local 'loh kuhl

loci 'loh sigh

locus 'loh kuhss

logarithm 'lahg uh ,rith um

logarithmic 'lahg uh ,rith mik

logic 'lahj ik

logical 'lahj i kuhl

logistic law 'jis tik

loop loop

Lord Kelvin

Elisha Scott Loomis

H. A. Lorentz

Edward Lorenz

Ada Lovelace 1815-52

Willian Lowndes

Edouard Lucas 1842-91 'loo kuhss

Ludolph Van Ceulen 1540-1610 loo dolf van 'k[ue] len

Ludolph's number
(Ludolphian number, Ludolphine constant)

lune loon

Aleksandr Mikhailovich Lyapunov (Liapunov) 1857-1918 ah lyik 'san duhr
mee 'KHy loh vich lyah "poo 'nof

Lyapunov function often pronounced by English speakers as lee 'ap uh
nahf 'fuh[ng]k shuhn

M

Colin Maclaurin 1698-1746 muh 'klawr uhn

Percy MacMahon

magic square 'maj ik skwair

magnitude 'mag nuh tood

Mark Mahasse

Thomas Malthus

al-Mamun 786-833 al mah 'moon
(also al-Mamoun)

Benoit Mandelbrot

manifold 'man uh fohld

Irwin Mann

map map

mapping 'map i[ng]

Andrei Andreevich Markov 1856-1922 'mahr ,kahf

George Marsaglia

martingale 'mahr tuhn ,gayl

Lorenzo Mascheroni 1750-80

Baron Francis Maseres 1731-1824 'fran sis mah 'zair

mathematics ,math 'ma diks

mathematical ,ma thu 'mad uh kuhl

maths maths

matrices 'may truh ,seez

matrix 'may triks

Pierre-Louis Maupertuis

maxima 'mak suh muh

maximum 'mak suh muhm

James Clark Maxwell

Julius Mayer

Wayne McDaniel

mean meen

Mécanique Analytique (Lagrange)

median 'mee dee uhn

Meditationes (Descartes)

Meditations Algebrae (Waring)

mega- 'meg uh

member 'mem buhr

Mémoire sur le calcul integral (d'Alembert)

Menaechmus ?375-325 muh 'nek muhs

Gregor Johann Mendel 1822-84

Menelaus ?-100 A.D. ,men uh 'lay uhs

Pietro Mengoli

Menger sponge

mensuration ,men suh 'ray shuhn

De Menura Sortis (Descartes)

Nicolas Mercator c1620-87

Ralph Merkle

Marin Mersenne 1588-1648

Franz Mertens

Mertens conjecture

metamathematics ,med uh ,math uh 'mad iks

La Méthode (Descartes)

Methodus as disquirendam maximum et minimum (Fermat)

Albert Michaelson

micro- 'my kroh

I. M. Milin

milli- 'mil ih

Roger Mills

John Milnor

minima 'min uh muh

minimum 'min uh muhm

Hermann Minkowski mi[ng] kuhf skee

minuend 'min yuh ,wend

minus 'my nuhss

minute (noun) 'min it

Mirifici logarithmorum canonis descriptio (Napier)

Mirifici logarithmorum canonis constructio (Napier)

Miscellanea Taurinensia

Gösta Mittag-Leffler 'y[oe]ls tah 'mi tahk 'lef luhr

August Ferdinand Möbius 1790-1868 'ou gust 'feR di,n[oe]nt 'm[oe] bee us
kind of like mer biuss without the "r"
English: 'may bee uhs

modulo 'mahj uh ,loh

Abraham de Moivre 1667-1754 duh 'mwah vruh

Le Monde (Descartes)

monic ,mah nik

Gaspard Monge 1746-1818 mahnzh

monomial mah 'noh mee uhl

monotone 'mahn uh ,tohn

monotonic ,mahn uh ,tahn ik

monotonicity 'mahn uh ,tohn 'iss ih tee

Monte Carlo 'mahn tee 'kahr ,loh

Hugh Montgomery

Augustus de Morgan 1806-71 duh 'mawr guhn

Oskar Morgenstern

Bernard Morin

Edward Morley

Marston Morse

Samuel Finley Breese Morse 1791-1872

mortality mor 'ta luh tee

Jurgen Moser

C. d. Mozzochi

mu myoo

multipicand ,muhl tuh pli 'kand

multiplication 'muhl tuh pli 'kay shuhn

multiplicative 'muhl tuh 'plik uh tiv

multiplicity ,muhl tuh 'pliss uhd ee

N

nabla 'nab luh

nano- 'na noh

John Napier 1550-1617 'nay pee uhr

Napoleon Bonaparte

nappe nap

Nasir-al-din

natural 'nach ruhl

nautilus 'naw ti luhss

negative 'neg uhd iv

neighbor 'nay ber

neighborhood 'nay ber hud

nephroid 'ne froyd

Eric Neville

Max Newman

Sir Isaac Newton 1642-1727 rhymes with Wayne Newton

Newtonian noo 'tohn ee uhn

Nichomachus of Gerasa late first century ni koh 'mah kuhss

Emmy Noether 1882-1935 'em ee 'n[œ] ter
kind of like 'ner ter without the "r"

Some English speakers may pronounce her name as 'noh eh thir

nomograph 'nahm uh graf

nonlinear 'nahn ,lin ee uhr

nonorientable ,nahn ohr ee ,ent uh buhl

nonremovable ,nahn ree 'moov uh buhl

notation noh 'tay shuhn

NP

nth enth

nu noo

null nuhl

number 'nuhm buhr

numeral 'noom ruhl

numerator 'noo muh ,rayd uhr

numeri absurdi

numerical noo 'mehr ih kuhl

numeri ficti

numerology ,noo muh 'rah luh jee

O

obelisk 'ahb uh ,lisk

obelus 'ahb uh luhss

oblate ah 'blayt

oblique oh bleek

oblivious transfer uhb 'liv ee uhss trans 'fer

obtuse ahb 'tuss

octagon 'ahk tuh gahn

octagonal ahk 'tag uh nuhl

octahedron 'ahk tuh hee druhn

octal 'ahk tuhl

octant 'ahk tuhnt

octillion ahk 'til yuhn

odds ahdz

Andrew Odlyzko

odometer oh 'do muh tuhr

Hans Christian Oerstad

ogive 'oh ,jyv

George Simon Ohm 1789-1854

Wilhelm Olbers

omega oh 'may guh

omicron 'oh muh ,krahn

George Onoda

On the Sphere and the Cylinder (Archimedes)

Jon Hendrick Oort 1900-92 ohrt

open 'oh puhn

Opera Omnia

operation ,ahp uh 'ray shuhn

Opticks (Newton)

optimal 'ahp tuh muhl

orbit 'ohr buht

ordered 'ohrd uhrd

ordinal 'ohrd nuhl

ordinate 'ohrd nuht

Oregon 'ohr i guhn

Nicole Oresme 1323-82 o 'rem

orientable ,ohr ee ,en tuh buhl

origin 'ohr uh juhn

orrery 'ohr uh ree

orthocenter ,ohr thoh 'sen tuhr

orthogonal ohr 'thahg uhn uhl

osculating ,ahs kyuh ,layd i[ng]

osculation ,ahs kyuh 'lay shuhn

Frei Otto Oulipo

outlier 'out ly er

P

P pee

Friar Luca Paciola 1445-1517 pah chee 'oh lee

palindrome 'pa luhn ,drohm

pandigit ,pan 'di juht

Seymour Pappert

Pappus of Alexandria A.D. ?-300 'pa puhss al eg 'zan dree uh

parabola puh 'rab uh luh

parabolic ,par uh ,bahl ik

paradox 'par uh ,dahks

parallax 'par uh laks

parallel 'par uh lel

parallelepiped ,par uh lel uh 'py ped

parallelogram ,par uh 'lel uh gram

parameter puh 'ram uhd uhr

parametric ,par uh 'me trik

Vilfredo Pareto 1848-1923

Derek Parfit

parity 'par uhd ee

Thomas Parkin

partial 'pahr shuhl

partition pahr 'tish uhn

Blaise Pascal 1623-62 ,pa 'skal

path path

Wolfgang Pauli

payoff 'pay awf

Giuseppe Peano 1858-1932 pee 'ahn oh

pedal 'ped uhl

Heinz-Otto Peitgen

John Pell 1610-1685 pel

Roger Penrose 1931-

Pensées (Pascal)

pentagon 'pen tuh gahn
pentagonal pen 'tag uhn uhl
perigee 'pehr i jee
perigon 'per uh gahn
perihelion per i 'heel yon
perimeter puh 'rim uhd uhr
period 'pir ee uhd
periodicity ,pir ee uh 'diss uhd ee
permutation ,puhr myu 'tay shuhn
perturbation ,puhr tuhr 'bay shuhn
peta- 'pe tuh
phase fayz

Pherecydes

phi fy (many people say fee, which is OK too) phi = φ (lower case) = Φ
(uppercase) See also: Golden Section

Phidias

Philosophiae Naturalis Principia Mathematica (Newton)

Lars Edvard Phragmén 1863-1937 lars 'ed vaird frag 'men

phyllotaxis ,fih luh 'tak suhs

pi py or pee (Greek pronunciation)

pi = π (lower case) = Π (uppercase)

Value is approximately

3.1415926535897932384626433832795028841971693993751058209749445923078164062862
089986280348253421170679

Picard pi 'kahr

pico- 'pee koh

piecewise 'peess wyz

Pierce

pigeonhole principle 'pij uhn hohl 'prin suh puhl

Pillaj

placebo pluh 'see ,boh

planar 'play nuhr

Max Planck

plane playn

Plane loci (Apollonius)

Plato 429-348 'play ,toh

Platonic pluh 'tah nik

Platonism 'play tuh'n ,i zuhm

Pliny the Elder

Plutarch 'plooh tahrk

P-NP

Jules-Henri Poincaré 1854-1912 ,pwahn kah 'ray

point poynt

Simeon-Denis Poisson pwah 'sohn

polar 'poh luhr

polarity poh 'lar uhd ee

A. de Polignac

George Pólya ,pohl yuh

polygon 'pahl ee ,gahn

polynomial ,pah luh 'noh mee uhl

Carl Pomerance

Jean Victor Poncelet 1788-1867 pons 'le

pons asinorum

Porsche 'pohr shuh

position puh 'zi shuhn

positional puh 'zi shuh nuhl

positive 'pahz uhd iv

Emil Post

power 'pow uhr

precision pree 'sizh uhn

predecessor 'pred uh sess uhr

Prim

prime prym



primitive 'prim uhd iv

primorial

princeps mathematicorum

principal 'prin suh puhl

Principia preen 'kip ee uh

Principia Mathematica (Newton)

Principia Mathematica (Russell and Whitehead)

Principia Philolsophiae (Descartes)

prism 'priz uhm

probability ,prahb uh 'bil uhd ee

product 'prahd uhkt

projection proh 'jek shuhn

prolate 'proh layt

proof proof

proper 'prah puh

proportion pruh 'pohr shuhn

proportional pruh 'pohr shuhn uhl

propositon ,prahp uh 'zish uhn

propositional ,prahp uh 'zish uhn uhl

psi sy

Ptolemy ?100-168 'tahl uh mee

pure pyoor

pyramid 'pir ah mid

pyramidal ,pir uh ,mid uhl

Pythagoras of Samos 580-500 puh 'thag uh ,ruhss 'sam ohss

Pythagorean puh thag uh 'ree ahn

The Pythagorean Proposition (Loomis)

Q

Q E D kyoo ee dee

quod erat demonstrandum kwawd 'e raht day mawn 'strahn dum

quadrangle 'kwah dra[ng] guhl

quadrant 'kwah druht
quadratic kwah 'dra dik
quadratrix 'kwahd ruh triks
quadrature 'kwah dru chuhr
quadric 'kwah drik
quadrillion kwuh 'dril yuhn
quantifier 'kwahn tuh fy uhr

quantita, in quam cum multiplicetur diameter, provenient circumferentia **?**

kwahn 'tee tah een kwahm mul ti pli 'kay tur di ah 'may ter
proh 'ven yent keer kum fe rayn 'tee ah

quartic 'kwawr dik
quartile 'kwawr tyl
quasiperiodic 'kwa ,zy ,pir ee 'ah dik
quaternion kwuh 'tuhr nee uhn

Raymond Queneau

Lambert Adolphe Quetelet kayt leh

queue kyoo

quincunx 'kwin ,ku[ng]ks

quintic 'kwin tik

quintillion kwin 'til yuhn

quod erat demonstrandum kwawd 'e raht day mawn 'strahn dum

quota 'kwoh tuh

quotient 'kwoh shuhnt

R

Rabdologia (Napier)

racines fausses

radian 'ray dee uhn

radical 'ra di kuhl

radius 'ray dee uhs

radix 'ray diks

Srinivasa Ramanujan 1887-1920

random 'ran duhm

Joseph Raphson fl. 1690

ratio 'ray ,shoh

rational 'rash nuhl

rationalize 'rash nuh ,lyz

Raum, Zeit, und Materie (Weyl)

ray ray

real reel

Rechnung (Apianus)

reciprocal ri 'sip ruh kuhl

Robert Recorde 1510-1558 re 'kord

rectangular ,rek 'ta[ng] yuh luhr

rectifiable 'rek tuh fy uh buhl

recurring ri 'kuhr i[ng]

recursive ri 'kuhr siv

reductio ad absurdum re duk tee oh ad ahd sur dum

reflection ri 'flek shuhn

refraction ri 'frak shuhn

region 'ree juhn

regular 'reg yuh luhr

regular curve 'reg yuh luhr kuhrv

Karl Reinhardt

remainder ri 'mayn duhr

removable ri 'moov uh buhl

repeated ri 'peed uhd

repunit

residue 're zuh ,doo

Joachim Reticus

Henry Rhind

rho roh

rhombus 'rahm buhss

ribbon 'ri buhn

Ricci 'Reet chee

Louis-Paul-Emile Richard

Charles F. Richter

P. H. Richter

C. J. Rieger

D. Riemann

George Friedrich Bernhard Riemann 1826-66 'ree ,mahn
Riemann hypothesis 'ree ,mahn hy ,pah thuh sis

right ryt

J. Ritt

Ronald Rivest

Douglas Robertson

Julia Robinson 1919-85

Richard Rochberg

rodeo 'roh dee ,oh

Michel Rolle 1652-1719 rol

root rut

rose rohz

J. Barkley Rosser

roulette roo 'let

round rownd

rounding 'rownd i[ng]

route root

Christoff Rudolff

David Ruelle

Paolo Ruffini 1765-1822

Carle David Tolmé Runge 1856-1927 karl 'day vid ? 'ru[ng] uh

Runge-Kutta method 'ru[ng] uh 'kud uh ,meth uhd

Bertrand Russell 1872-1970 'ruhs uhl

Ernest Rutherford

S

saddle 'sa duhl
sagitta suh 'ji duh
St. Augustine saynt 'aw gus teen
Lee Sallows
Gregorie de Sainte Vincent
George Salmon
scalar 'skay luhr
scalene 'skay ,leen
Scherk's surface
Erwin Schrödinger
Manfred Schroeder 'schray duhr
Schwarz schwartz
Karl Schwarzschild
scytale
sec secant 'see kant
secant 'see kant
sech ,hy per ,bahl ik 'see kant
sector 'sek tuhr
sectorgram 'sek tuhr ,gram
segment 'seg muhnt
Segrè 'se gray
semiperimeter ,sem igh ,puh 'rim uhd uhr
Seneca
septillion sep 'til yuhn
seqt
sequence 'see kwuhns
series 'sir eez
set set
sexagesimal ,sek suh ,jez uh muhl
sextant 'sek stant

sextic 'sek stik
sextillion sek 'stil yuhn
sgn signum 'sig nuhm
Adi Shamir
William Shanks
Claude E. Shannon 'shan uhn
Lloyd Shapley
Frans van Shooten 1625-60
Marin Shubik
Siddhantas
side syd
Sierpinski suhr 'pin skee
Sierpinski carpet suhr 'pin skee 'kahr pet
sieve siv
sigma 'sig muh
sign syn
significant sig 'nif i kuhnt
signum 'sig nuhm
similar ,sim uh luhr
simple ,sim puhl
simplex 'sim ,pleks
simply 'sim plee
Thomas Simpson 1710-61 'sim suhn
simultaneous ,sy muhl 'tay nee uhss
Yasha Sinai
sin sine syn
sine syn
singular 'si[ng] gyuh luhr
sinh ,hy per ,bahl ik syn
sinusoidal ,sy nuh 'soyd uhl
skew skyoo

S. Skewes

Skewes' number

Daniel Sleator

slide rule 'slyd ,rool

slope slohp

David Slowinski

Steven Smale

David Smith

Henry J. S. Smith

Willebrod von Roijen Snell

solidus 'sah luh duss

Ray J. Solomonoff

solution suh 'loo shuhn

Mary Somerville 1780-1872

Sopra le scoperte di dadi (Galileo)

sphere sfir

spherical 'sfir uh kuhl

E. Spiegel

Baruch Spinoza

spiral 'spy ruhl

squaring the circle 'skwer i[ng] thuh 'sur kuhl

stadia 'stay dee uh

stadium 'stay dee uhm

stationary 'stay shuh nehr ee

statistics stuh 'tis tiks

Jacob Steiner 1796-1863

Paul Steinhardt

Hugo Steinhaus

De Stella Nova (Kepler)

step function

Simon Stevin fl. 1585

Thomas Jan Stieltjes 1856-1894 'toh mahs yahn 'steel tyuhs

Michael Stifel c1487-1567

James Stirling

stochastic stoh 'kass tik

George Gabriel Stokes 1819-1903 stohks

strange attractor

strata 'stra duh

strategy 'stra duh jee

stratified 'stra duh fyd

stratify 'stra duh ,fy

stratum 'stra duhm

strophoid 'strah ,foyd

Dirk Struik

Student

suan pan (also suan p'an)

subset 'suhb set

subtend suhb 'tend

subtraction suhb 'trak shuhn

subtrahend 'suhb truh ,hend

sum suhm

Summa de Arithmetica, Geometria, Proportion: et Proportionalita (Pacioli)

Karl Sundham

surd suhrd

surface 'suhr fuhss

Gerald Sussman

James Joseph Sylvester 1814-97 sil 'ves tuhr

symmetric suh 'me trik

symmetry 'sim uh tree

T

Floris Takens

talus 'tay luhss

tan tangent 'tan jent

Chao Tang

tangent 'tan jent

tangential tan 'jen chuhl

tanh ,hy per ,bahl ik 'tan jent

Robert Tarjan

Alfred Tarski

Niccolo Fontana Tartaglia 1500-57 tahr 'tal yuh

tau tow

tautology taw 'tah luh jee

Tayl tayl

Brook Taylor 1685-1731 'tay luhr

Jean Taylor

Pafnuti Luovich Tchebycheff 1821-94 'cheb ih sheff
(Chebyshev, Chebychev, Tchebysheff, Cebysev, Tshebychev)

telescopic ,tel uh ,skahp ik

telescoping ,tel uh 'skohp i[ng]

Madame de Tencin ?

tensor 'ten suhr

tera- 'tair uh

Herman J. J. te Riele

term tuhrm

terminating ,tuhr muh ,nayd i[ng]

ternary 'tuhr nuh ree

tetradic te 'trad ik

tetrahedron ,te truh 'hee druhn

tetrus ,te 'truhss

Thales of Miletus c634-548 'thay leez

Theano c 6th Century BC the o ,naw (e as in tetrus, not the word the)
(Note: The ancient Greeks would have pronounced the th as t in top.)

theorem 'thir uhm

Theorie Analytique des Probabilités (Laplace)

theory 'thir ee

thermodynamics

theta 'thay duh

De Thiende (Stevin)

René Thom

Edwin L. Thomas

J. J. Thomson

William Thomson

thought thawt

William Thurston

tiling 'ty li[ng]

titanic ty 'ta nik

titanic primes ty 'ta nik 'prymz

Johann Titius fl. 1780

Evangelista Torricelli 1608-47

torsion 'tor ,shuhn

torus 'tohr uhss

trace trayss

tractrix 'trak ,triks

Traité de Dynamique (d'Alembert)

Traité de Mécanique Céleste (Laplace)

Traité du Triangle Arithmétique (Pascal)

trajectory truh 'jek tuhree

transcendental ,tran 'sen ,dent uhl

transfinite trants 'fy nyt

transform (noun) 'trants ,fohrm

transform (verb) tranz 'fohrm

transformation ,trants fuhr 'may shuhn

transitive 'trant suh div

translation tran 'slay shuhn

transpose 'tranz pohz
trapezoid 'trap uh zoyd
trapezoidal ,trap uh 'zoyd uhl
traveling salesman problem
trefoil 'tre ,foyl
triangle 'try a[ng] guhl
triangulation try ,a[ng] gyoo 'lay shuhn
trigonometric ,trig uh nuh ,me trik
trigonometry ,trig uh 'nahm uh tree
trihedral try 'hee druhl
trillion 'tril yuhn
trinomial try 'noh mee uhl

Triparty en las science des nombres (Chuquet)

trisection try 'sek shuhn
trit trit
Johannes Trithemius fl. 1510
trivial 'tri vee uhl
Troy troy
truncate 'truh[ng] ,kayt
truncation truh[ng] 'kay shuhn

Tsu Ch'ang-chih 430-501

Alan Turing 'tur i[ng]

twin primes twin prymz

U

Stanislaw M. Ulam

Ulug-Beg

umbilic uhm ,bil ik

uncertainty uhn 'sirt uhn tee

uncia 'uhn shee uh

Plural: unciae 'uhn shee ee

ungula 'uh[ng] gyuh luh

union 'yoon yuhn

unique yoo 'neek

unit 'yoo nuht

unity 'yoo nuhd ee

unknot 'uhn ,naht

upsilon 'uhp suh ,lon

V

Charles J. de la Vallée-Poussin M. Deleglise 1866-1962

value 'val yoo

J. van de Lune

J. C. van der Corput

Balthasar van der Pol

B. L. Van der Waerden vahn duhr 'vair duhn

variable 'vehr ee uh buhl

variate 'vehr ee uht

variation ,vehr ee 'ay shuhn

vector 'vek tuhr

John Venn 1834-1923 ven

Pierre François Verhulst

vertex 'vuhr teks

vertical 'verd uh kuhl

Pierre François Viète 1540-1603 vee 'et

Vijaganita (Bhuskara)

Leonardo da Vinci dah 'veen chee

vinculum 'vi[ng] kyuh luhm

Ivan M. Vinogradov

virgule 'vuhr ,gyoo uhl

virtual 'vuhr chu wuhl

vis viva wees 'wee wah

François Marie Arouet de Voltaire

volume 'vahl yuhm

Eugene Paul Wigner 1902- 'wig nuhr

Albert Wilansky

Andrew Wiles 1953- 'an droo wylz

William of Occam (also Ockham)

John Wilson 1741-93

Ken Wilson

Jack Wisdom

witch wich

Ludvig Josef Johann Wittgenstein 1889-1951 'loot vik 'yoh zef
'vit guhn ,shtyn

Alan Wolf

Stephan Wolfram

Christopher Wren

Wronskian 'vrahn skee uhn

X

x eks

x-axis eks 'ak suhss

x-coordinate eks koh 'ord uh nuht

xy-plane eks wy playn

xi zy Greek: ksee

Y

y wy

y-axis wy 'ak suhss

y-coordinate wy koh 'ord uh nuht

Samuel D. Yates

yocto- 'yok tuh

yojana

James Yorke

yotta- 'yot uh

H. Peyton Young

Emperor Yu c2200 B.C.

Yuki Indians

Z

Zeno of Elea c495-35 'zee noh

Zenodorus c200 B.C.

zepto- 'zep toh

zero ,zir oh

zero-sum game ,zir oh ,suhm ,gaym

zeta 'zay duh

zetta- 'zet uh

Nikolai Zhukovsky

zilch zilch

Zorn's lemma 'zohrnz 'lem uh

Tài liệu này lấy tại : <http://waukesha.uwc.edu/mat/kkromarc/main.html>