

Scientific English

Djilali Salih

Université de Chlef, Faculté des sciences exactes et informatiques
Niveau: Mastère 1 en EDP+MCS+MAS

18 décembre 2020

In this course, we will translate some mathematical words from English to French.

For the evaluation mode, the students of M1 in MCS and MAS and EDP need to send an email to djilalisalih@yahoo.fr for assigning a project to them.

The work given to the student need to be done at max with **two students**. After sending an email to the said address, the professor will send to the student a paper contains paragraphs written in English for published papers and the students need to abstract the introduction section (introduction contains two or three pages). The evaluation (final note) will be done in terms of the quality of the abstract written by students.

Important remark : Emails or abstracts send after 20/02/2021 will not be considered in the evaluation.

Now, we will help the students by giving them the translation of some mathematical words from English to French :

Abscisse → Abscissa

Accélération → Acceleration

Addition → Addition

Additionner → To sum, to add

Adjacent → Adjacent

Aléatoire → Random

Algèbre → Algebra

Algébrique → Algebraic

Algorithme → Algorithm

Analyse → Analysis

Angle → Angle

Angle aigu → Acute Angle

Angle droit → Right angle

Angle obtus → Obtuse angle

Angle plat → Straight angle

Arc → Arc

Axe → Axis

Bary centre → Bary centre

Base → Base

Binaire → Binary

Boucle → Loop

Calcul → Calculus

Calcul différentiel → Differential calculus

Calcul intégral → Integral calculus

Calculer → To calculate

Calculs → Calculations

Carré, au carré → Square

Circulaire → Circular

Au carré → Squared
Centre de masse → Centre of mass
Cercle → Circle
Chiffre → Figure
Circonférence → Circumference
Combinaison → Combination
Cône → Cone
Constante → Constant
Conti guité → Adjacency
Convergent → Convergent
Convexe → Convex
Cosinus → Cosine
Courbe → Curb
Cube → Cube
Au cube → Cubed
Cylindre → Cylinder

Décimale	→	Decimal
Degré	→	Degree
Démonstration	→	Demonstration
Dérivée	→	Derivative
Dessiner	→	To draw
Diagonale	→	Diagonal
Diagramme	→	Diagram
Diamètre	→	Diameter
Dièdre	→	Dihedron (plu. -a or -ons)
Digital	→	Digital
Direct	→	Direct
Distance	→	Distance
Divergent	→	Divergent
Diviser	→	To divide
Division	→	Division
Dodécaèdre	→	Dodecahedron
Données	→	Data
Droite (n.)	→	Line

Énigme mathématique → Mathematical conundrum

Ensemble → Set

Équation → Equation

Équation linéaire → Linear equation

Équation quadratique → Quadratic equation

Équerre → Set square

Équilatéral → Equilateral

Équivalence → Equivalence

Erreur → Mistake

Erreur de calcul → Miscalculation

Espace → Space

Vocabulaire → thématique

Factoriel → Factorial

Factorisation → Factorisation

Figure géométrique → Geometrical figure

Fonction → Function

Fondamental → Fundamental

Formule → Formula

Fractal → Fractal

Fraction → Fraction

Géométrie → Geometry

Géométrie affine → Affine geometry

Géométrie analytique → Analytic geometry

Géométrique → Geometric(al)

Grandeur (dun nombre) → Magnitude

Graphique (n.) → Graph

Graphique (adj.) → Graphic

Groupe abélien → Abelian group

Hexagone → Hexagon

Homologie → Homology

Homothétie → Homothety, homothecy, dilatation

Horizontal → Horizontal

Hyperbole → Hyperbola

Hypoténuse → Hypotenuse
Identité → Identity
Impair → Odd
Inclusion → Inclusion
Induction → Induction
Inégalité → Inequality
Infini (n.) → Infinity
Infini (adj.) → Infinite
Les Infinitésimal → Infinitesimal
Intégral → Integral
Intersection → Intersection
Intervalle → Interval
Inversion → Inversion
Ligne → Line

Limite → Limit

Logarithme → Logarithm

Logique → Logic

Loi → Law

Losange → Rhombus (plu. -buses or -bi)

Mathématicien → Mathematician

Médian → Median

Médiane → Median

Méthode des moindres carrés → Least- squares method

Mettre au carré → To square

Mettre au cube → To cube

Moindres carrés → Least squares

Moyenne → Average

Multiplication → Multiplication

Multiplier → To multiply

Nombre → Number

Nombre complexe → Complex number
Nombre entier → Whole number, integer
Nombre imaginaire → Imaginary number
Nombre impair → Odd number
Nombre négatif → Negative number
Nombre pair → Even number
Nombre premier → Prime number
Nombre réel → Real number
Octaèdre → Octahedron
Octogone → Octagon
Ordonnée → Ordinate
Pair → Even
Parabole → Parabola (plu. -as or -ae)
Paradoxe → Paradox

Parallèle → Parallel
Parallélogramme → Parallelogram
Pentagone → Pentagon
Pente → Slope
Périmètre → Perimeter
Périodique → Periodic
Permutation → Permutation
Perpendiculaire → Perpendicular
Polygone → Polygon
Polynôme → Polynomial
Pourcentage → Percentage
Pression → Pressure
Produit → Product
Puissance → To the power of

Pyramide → Pyramid

Quadrangle → Quadrangle

Quadrangulaire → Quadrangular, four-angled

Quadrilatère → Quadrilateral, quadrangle

Quadrilatéral → Quadrilateral

Racine carrée → Square root

Racine cubique → Cube root

Rapport → Ratio

Rapporteur → Protractor

Rayon → Radius (pl. -ii)

Rectangle → Rectangle

Rectanulaire → Rectangular

Réflexivité → Reflexivity

Résoudre → To solve

Résultante → Resultant

Série → Series

Série géométrique → Geometric series

Simplification → Simplification

Sinus → Sine

Sommet (3 dimensions) → Apex

Sommet (géométrie plane) → Vertex

Soustraction → Subtraction

Soustraire → To subtract

Sphère → Sphere

Surface, superficie → Area

Symbole → Symbol

Symétrie → Symmetry

Tan gente → Tangent

Théorème → Theorem

Théorème de Pythagore → Pythagoras' theorem

Topologie → Topology

Torque → Torque

Totaliser → To total (up)

Tracer → To plot

Traceur graphique → Plotter

Transposition → Transposition

Trapèze → Trapezium (GB), trapezoid (US)

Triangle → Triangle

Triangle équilatéral → Equilateral triangle

Triangle isocèle → Isosceles triangle

Triangulaire → Triangular

END