

MESC Classification

Tiré de <http://www.zentralblatt-math.org/matheduc/classification/> (15 juin 2010)

Le dernier chiffre réfère au niveau d'enseignement

0: General	4: higher secondary school education	8: colleges of further education, correspondence schools, popular education
1: pre-school education	5: universities, colleges	9: teacher training
2: primary level school education	6: special schools	
3: lower and middle secondary level school education	7: vocational schools	

Liste complète des codes

MESC	Classe	MSC	MESC	Classe	MSC
A	General, Mathematics and education	97A	B	Educational policy and system	97B
A10	Comprehensive works. Reference books	97A10	B10	Educational research and planning	97B10
A20	Recreational mathematics. Games	97A20	B20	General education	97B20
A30	History of mathematics and mathematics education	97A30	B30	Vocational education	97B30
A40	Mathematics and society	97A40	B40	Higher education	97B40
A50	Bibliographies	97A50 voir aussi 01-00	B50	Teacher education	97B50
A60	Proceedings. Conference reports	97-06	B60	Adult and further education	97B60
A70	Theses and postdoctoral theses	97A70	B70	Syllabuses. Educational Standards	97B70
A80	Popularization of mathematics	97A80	--	None of the above, but in this section	97B99
A90	Miscellaneous Fiction and games	97A90			
--	None of the above, but in this section	97A99			
MESC	Classe	MSC	MESC	Classe	MSC
C	Psychology of mathematics education. Research in mathematics education	97C	D	Education and instruction in mathematics	97D
C10	Comprehensive works	97C10	D10	Comprehensive works. Comparative studies	97D10
C20	Affective behaviour	97C20	D20	Philosophical and theoretical contributions (maths didactics)	97D20
C30	Cognitive processes. Learning theories	97C30	D30	Objectives and goals	97D30
C40	Intelligence and aptitudes	97C40	D40	Teaching methods and classroom techniques	97D40
C50	Language and verbal communication	97C50	D50	Teaching problem solving and heuristic strategies. Problem posing	97D50
C60	Sociological aspects of learning	97C60	D60	Student assessment, achievement control and rating	97D60
C70	Teaching-learning-processes	97C70	D70	Learning difficulties and student errors	97D70
--	Technological tools and other materials in teaching and learning	97C80	D80	Teaching units and draft lessons	97D80
C90	Miscellaneous Teaching and curriculum topics	97C90	--	None of the above, but in this section	97D99
--	None of the above, but in this section	97C99			
MESC	Classe	MSC	MESC	Classe	MSC
E	Foundations of mathematics	97E	F	Arithmetic. Number theory	97F
E10	Comprehensive works	97E10	F10	Comprehensive works	97F10
E20	Philosophy and mathematics	97E20	F20	Pre-numerical stage. Number concept	97F20
E30	Logic	97E30	F30	Natural numbers	97F30
E40	Language of mathematics	97E40	F40	Integers. Rational numbers	97F40
E50	Reasoning and proving in the mathematics classroom	97E50	F50	Real numbers. Complex numbers	97F50
E60	Sets. Relations. Set theory	97E60	F60	Number theory	97F60
E70	Miscellaneous	--	F70	Measures and units	97F70
	None of the above, but in this section	97E99	F80	Ratio and proportion. Percentages	97F80
			F90	Real life mathematics. Practical arithmetic	97F90

MESC	Classe	MSC	MESC	Classe	MSC
G	Geometry	97G	H	Algebra	97H
G10	Comprehensive works	97G10	H10	Comprehensive works	97H10
G20	Informal geometry	97G20	H20	Elementary algebra	97H20
G30	Areas and volumes	97G30	H30	Equations and inequalities	97H30
G40	Plane and solid geometry	97G40	H40	Groups, rings, fields	97H40
G50	Transformation geometry	97G50	H50	Ordered algebraic structures	97H50
G60	Trigonometry	97G60	H60	Linear algebra	97H60
	Plane and spherical trigonometry				
G70	Analytic geometry. Vector algebra	97G70	H70	Miscellaneous	--
G80	Descriptive geometry	97G80	--	None of the above, but in this section	97H99
G90	Miscellaneous	--			
--	None of the above, but in this section	97G99			
MESC	Classe	MSC	MESC	Classe	MSC
I	Analysis	97I	K	Stochastics	97K
				Combinatorics, graph theory, probability theory, statistic	
I10	Comprehensive works	97I10	K10	Comprehensive works	97K10
I20	Mappings and functions	97I20	K20	Combinatorics	97K20
I30	Sequences and series	97I30	K30	Graph theory	97K30
I40	Differential calculus	97I40	K40	Descriptive statistics	97K40
I50	Integral calculus	97I50	K50	Probability theory	97K50
I60	Functions of several variables	97I60	K60	Distributions and stochastic processes	97K60
I70	Functional equations	97I70	K70	Statistical inference	97K70
				Foundations and methodology of statistics	
I80	Complex analysis	97I80	K80	Correlation and regression	97K80
				Applied statistics	
I90	Miscellaneous	--	K90	Miscellaneous	--
--	None of the above, but in this section	97I99	--	None of the above, but in this section	97K99
MESC	Classe	MSC	MESC	Classe	MSC
M	Mathematical modelling. Applications of mathematics	97M	N	Numerical mathematics	97N
M10	Mathematical modelling. Interdisciplinarity	97M10	N10	Comprehensive works	97N10
M20	Mathematics in vocational training and career education	97M20	N20	Rounding, estimation. Theory of errors	97N20
M30	Financial and insurance mathematics	97M30	N30	Numerical algebra	97N30
M40	Operations research, economics	97M40	N40	Numerical analysis	97N40
M50	Physics. Astronomy. Technology. Engineering	97M50	N50	Interpolation and approximation	97N50
M60	Biology. Chemistry. Medicine	97M60	N60	Mathematical programming	97N60
M70	Behavioural and social sciences	97M70	N70	Discrete mathematics	97N70
M80	Arts. Music. Language. Architecture	97M80	--	Mathematical software, computer programs	97N80
M90	Miscellaneous	--	N90	Miscellaneous	--
--	None of the above, but in this section	97M99	--	None of the above, but in this section	97M99
MESC	Classe	MSC	MESC	Classe	MSC
P	Computer science	97P	Q	Computer science education	97Q
P10	Comprehensive works	97P10	Q10	Comprehensive works	97Q10
P20	Theory of computer science	97P20	Q20	Affective aspects in teaching computer science	97Q20
P30	System software	97P30	Q30	Cognitive processes	97Q30
P40	Programming languages	97P40	Q40	Sociological aspects	97Q40
P50	Programming techniques	97P50	Q50	Objectives	97Q50
P60	Hardware	97P60	Q60	Teaching methods and classroom techniques	97Q60
P70	Computer science and society	97P70	Q70	Student assessment	97Q70
P80	Miscellaneous	--	Q80	Teaching units	97Q80
--	None of the above, but in this section	97P99	Q90	Miscellaneous	--
			--	None of the above, but in this section	97Q99

MESC	Classe	MSC	MESC	Classe	MSC
R	Computer science applications	97R	U	Educational material and media. Educational technology	97U
R10	Comprehensive works, collections of programs	97R10	U10	Comprehensive works	97U10
R20	Applications in mathematics	97R20	U20	Textbooks. Textbook research	97U20
R30	Applications in sciences	97R30	U30	Teachers' manuals and planning aids	97U30
R40	Artificial intelligence	97R40	U40	Problem books. Competitions. Examinations	97U40
R50	Data bases. Information systems	97R50	U50	Computer assisted instruction; e-learning; computer as educational medium	97U50
R60	Computer graphics	97R60	U60	Manipulative materials	97U60
R70	User programs. Administrative applications	97R70	U70	Technological tools. Calculators	97U70
R80	Recreational computing	97R80	U80	Audiovisual media	97U80
R90	Miscellaneous	--	U90	Miscellaneous	--
--	None of the above, but in this section	97R99	--	None of the above, but in this section	97U99

La catégorie **97 Mathematics Education** de la classification MSC comprend aussi les classes générales suivantes :

- 97-00 General reference works (handbooks, dictionaries, bibliographies, etc.)
- 97-01 Instructional exposition (textbooks, tutorial papers, etc.)
- 97-02 Research exposition (monographs, survey articles)
- 97-03 Historical (must also be assigned at least one classification number from Section 01)
- 97-04 Explicit machine computation and programs (not the theory of computation or programming)
- 97-06 Proceedings, conferences, collections, etc.