

Report on Zentralblatt MATH (zbMATH)

for the EMS-CDC Meeting in Oslo, April 10–11 2015

Gert-Martin Greuel, Editor in Chief of zbMATH

Editors of zbMATH

3 non-profit editorial institutions: EMS, FIZ Karlsruhe, Heidelberg Academy of Sciences, Springer Verlag as distributor (marketing and invoicing).

Ongoing Improvements

- *Author disambiguation*:
Manual and algorithmical curation, continuously, evaluation of external IDs (like ORCID, MGP, Women in Maths), analysis of permutation in names, time gaps etc.
- *Internal improvements*: e.g. electronic workflow
- *Software database swMATH*: Continuous improvement, currently 9368 software packages with 84617 references to zbMATH-articles.

New Features

- *Document assignments*: 'Edit profile' - button for every user, **USE IT!**
- *References*: About 10.5 Mio references are added, matching sometimes difficult
- *Citation profile online for registered users* (since March 2015) **NEW!**
- *Formula search*: now fully integrated in zbMATH, free combination of formula search with other query types, formula queries can also be refined by filters

New Projects

- *Methods of author identification*: with Leibniz Center for Informatics (Dagstuhl) and Heidelberg Institute for Theoretical Studies (HITS), from 2015 - 2018
- *MODAL*: Follow up project for swMATH, joint with ZIB/FU Berlin Research Campus MODAL for 5 years (2015 - 2020)

Projects in Preparation

- *Bibliometrical analysis* of zbMATH (citation index for authors, standardization of institutions, analysis of special bibliometric aspects of math publications).
- *Citation profile for journals*
- *Mobil version* of zbMATH

zbMATH Activities for Developing Countries

- zbMATH-reviewers donate honorarium to [book program of the CDC](#) of the EMS
- [Free access](#) for institutions and individuals from developing countries

Other zbMATH Activities

- Member of the [EuDML consortium](#)
- Member of the [WDML coordinating committee](#) (Olaf Teschke)
- Editor (with Math Reviews) of the [MSC](#), preparation of MSC-2020

Author Citation Profile

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Kodaira, Kunihiko

NEW: Improve this author's profile

[Click here to edit its publication list.](#)
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Author-ID: kodaira.kunihiko
Published as: Kodaira, Kunihiko; Kodaira, K.

Documents indexed: 97 Publications since 1937, including 17 Books

Co-Authors

- 14 Spencer, Donald C.
- 3 Iyanaga, Shokichi
- 3 Kakutani, Shizuo
- 2 Abe, Makoto
- 2 Morrow, James A.

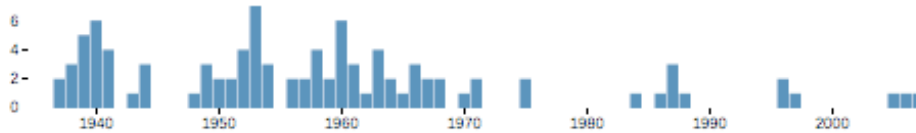
Journals

- 17 Annals of Mathematics. Second Series
- 14 Proceedings of the National Academy of Sciences of the United States of America
- 14 Proceedings of the Imperial Academy of Japan
- 10 American Journal of Mathematics
- 4 Proceedings of the Imperial Academy of Japan

Classification

- 6 Algebraic geometry (14-XX)
- 6 Functions of several complex variables and analytic spaces (32-XX)
- 4 General mathematics (00-XX)
- 3 Functions of a complex variable (30-XX)
- 3 Global analysis, analysis on manifolds (58-XX)

Publications by Year



Citations contained in the zbMATH database beta

53 Publications have been cited 1017 times in 754 Documents

		Cited by	Year
On deformations of complex analytic structures. I.	Zbl 0128.18901	122	1958
Kodaira, Kunihiko; Spencer, D.C.			
On the structure of compact complex analytic surfaces. I.	Zbl 0137.17501	103	1964
Kodaira, Kunihiko			
On compact analytic surfaces. II.	Zbl 0118.15802	103	1963
Kodaira, Kunihiko			
Complex manifolds.	Zbl 0325.32001	62	1971
Morrow, James; Kodaira, Kunihiko			
On Kähler varieties of restricted type. (An intrinsic characterization of algebraic varieties.)	Zbl 0057.14102	55	1954
Kodaira, Kunihiko			

Cited by Authors

- 11 Horikawa, Eiji
- 8 Namba, Makoto
- 7 Campana, Frédéric
- 7 Grauert, Hans
- 7 LeBrun, Claude R.

Cited in Journals

- 144 Mathematische Annalen
- 76 Inventiones Mathematicae
- 48 Tohoku Mathematical Journal. Second Series
- 41 Mathematische Zeitschrift
- 38 Proceedings of the Japan Academy. Series A.

Cited in Fields

- 338 Algebraic geometry (14-XX)
- 327 Functions of several complex variables and analytic spaces (32-XX)
- 156 Differential geometry (53-XX)
- 61 Global analysis, analysis on manifolds (58-XX)
- 50 Manifolds and cell complexes (57-XX)

Citations by Year

