



Editorial

Annual Report 2018

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1. Journal summary from Editor in Chief

This year should be seen as a transition year. The journal was able to maintain a certain number of submissions. Most submissions were related to PDE's and applications.

The goal is now to increase the level of the submissions and to have the journal indexed in Scopus, MathSciNet and SCI-E. Furthermore, it is important to have more submissions from other fields of mathematics.

Professor Alain Miranville

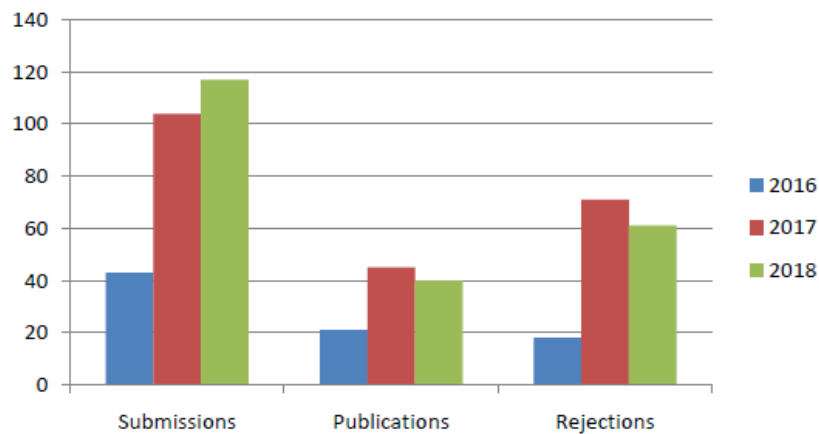
Editor in Chief of AIMS Mathematics

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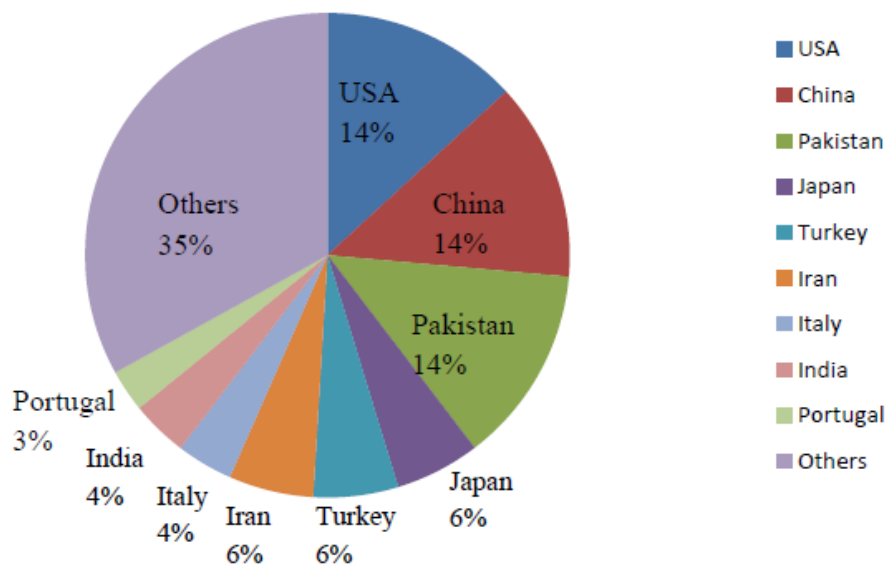
2. Editorial development

2.1. Manuscripts statistics



Papers under processing (submitted in 2018): 18
 Published in Volume 4, 2019 (submitted in 2018): 6
 Rejection rate: 52.14%
 Publication time (from submission to online): 87.9 days

2.2. Authors distribution



2.3. Articles type

Type	Number
Research articles	38
Reviews	2

2.4. Articles metrics

Top 10 articles with highest downloads:

Title	Downloads
<u>The Cahn–Hilliard equation and some of its variants</u>	2054
<u>A High-Order Symmetric Interior Penalty Discontinuous Galerkin Scheme to Simulate Vortex Dominated Incompressible Fluid Flow</u>	1084
<u>Remarks on smallness of chemotactic effect for asymptotic stability in a two-species chemotaxis system</u>	1005
<u>On the viscous Cahn-Hilliard equation with singular potential and inertial term</u>	963
<u>On the Caginalp phase-field system based on the Cattaneo law with nonlinear coupling</u>	955
<u>On deep holes of generalized Reed-Solomon codes</u>	925
<u>On a fractional alternating Poisson process</u>	912
<u>Best practices for replicability, reproducibility and reusability of computer-based experiments exemplified by model reduction software</u>	841
<u>The Bedrosian Identity for L^p Function and the Hardy Space on Tube</u>	837
<u>Localized Orthogonal Decomposition for two-scale Helmholtz-type problems</u>	819

Top 10 articles with highest citations:

Title	Citations
<u>Global weak solutions and asymptotic limits of a Cahn–Hilliard–Darcy system modelling tumour growth</u>	11
<u>Distributed optimal control of a nonstandard nonlocal phase field system</u>	7
<u>The Cahn–Hilliard equation and some of its variants</u>	6
<u>Best practices for replicability, reproducibility and reusability of computer-based experiments exemplified by model reduction software</u>	5
<u>On the viscous Cahn-Hilliard equation with singular potential and inertial term</u>	4
<u>Remarks on smallness of chemotactic effect for asymptotic stability in a two-species chemotaxis system</u>	4
<u>Fractional calculus and the ESR test</u>	4
<u>What is “geometric algebra”, and what has it been in historiography?¹</u>	3
<u>A regularity criterion of weak solutions to the 3D Boussinesq equations</u>	3
<u>Localized Orthogonal Decomposition for two-scale Helmholtz-type problems</u>	2

2.5. Special issues/topics with more than 5 papers

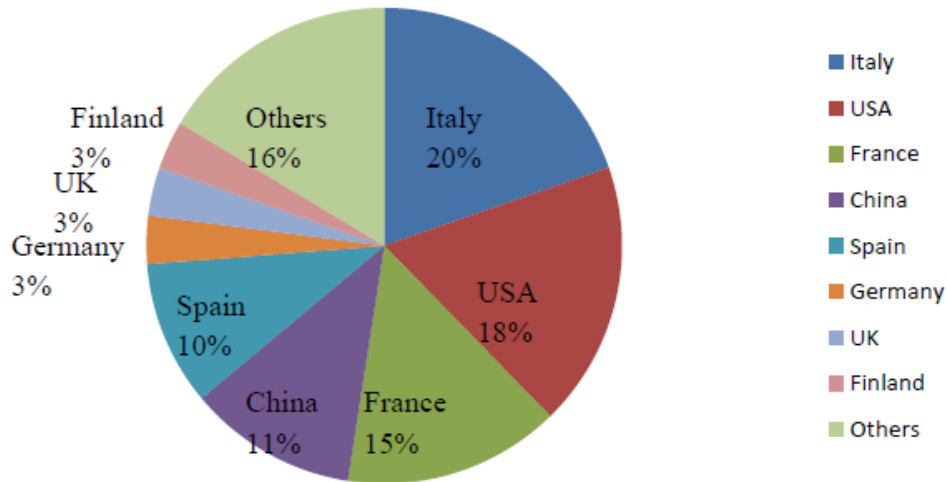
Topical section

Mathematical Analysis in Fluid Dynamics

<http://www.aimspress.com/newsinfo/945.html>

2.6. Editorial board members

AIMS Mathematics has 61 members, 3 of which joined in 2018.



2.7. Summary & Plan

2.7.1. Summary

In its third year, our journal developed smoothly with a minor increase in the number of submissions. We have received 116 submissions and published 40 papers in 2018.

In 2018, our journal was accepted in DOAJ (Directory of Open Access Journals). DOAJ is a community-curated online directory that indexes and provides access to high quality, open access, peer-reviewed journals.

We have applied for indexing by SCOPUS, and will get the evaluation results in 2019.

2.7.2. Plan for 2019

Increase reputation of AIMS Mathematics by soliciting and advertising high quality articles and special issues (topics).

We seek to further reduce publication time from 88 days to 75 days.



AIMS Press

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