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Editorial

Due to some logistic and budget constraints, the editorial board of the bulletin decided to change the policy and publish a single issue per year.

In this number of the bulletin, we initiate a cycle of articles dedicated to honouring the work and dedication to mathematical research of distinguished Portuguese mathematicians who have recently retired. Since there are many such examples, the editorial board decided to start by those who were directly connected to the history of CIM. Hence, this issue features an interview to Ivette Gomes, who belonged to the first Scientific Council of CIM and had a prominent role in promoting and stimulating the Portuguese community of statisticians.

We present an article about the recent trends in the area of Semigroup Theory and its connection with Symbolic Dynamical Systems. We also exhibit a paper that gives a first insight into the world of coquaternions, which are elements of a four-dimensional hypercomplex real algebra generalising complex numbers. In order to celebrate the the international year of Mathematical Biology, we include an article on the mathematics of populations with particular insight about Epidemiology.

Inserted in the cycle of historical articles, we include a piece about the work developed by Daniel da Silva and, as usual, we publish several summaries and reports of some of the activities partially supported by CIM, of which we highlight the workshop about wild fires, which deserved special attention after their catastrophic impact during 2017.

We celebrate the success of another edition of the CIM-SPM's initiative Pedro Nunes' Lectures, which brought Alfio Quarteroni to the Academia das Ciências in Lisbon and to the universities of Coimbra and Porto. For that purpose we feature an interview with Alfio Quarteroni.

We recall that the bulletin welcomes the submission of review, feature, outreach and research articles in Mathematics and its applications.

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