

# Special Issue

## Mathematical Methods for Image Processing and Computer Vision

### Message from the Guest Editors

Advances in the field of digital Image Processing and Computer Vision (IPCV) have contributed to the development of virtually every branch of science for which imaging technologies are applicable. This collaboration has led to the realization of unimaginable problem-solving capabilities that closely resemble (up to a certain level) common human vision tasks and behaviors. Typical applications include object recognition and tracking, autonomous navigation, accident prevention, face detection and recognition, security and surveillance, medical diagnoses, the remote sensing of the environment, and many more. IPVC has empowered digital machines to manipulate, transform, enhance, extract, and analyze image semantics by using both classical mathematical models and artificial intelligence schemes, such as Deep Neural Networks. These IPVC systems represent a valuable asset for the automation of image and vision-related tasks in various domains, enhancing their accuracy, efficiency, and decision-making capabilities in real-time.

### Guest Editors

Dr. Rogelio Hasimoto-Beltran

Center for Research in Mathematics (CIMAT), Apartado Postal 402,  
Guanajuato CP 36000, Mexico

Dr. Oscar Susano Dalmau Cedeño

Centro de Investigación en Matemáticas, A.C., Jalisco S/N, Col.  
Valenciana, Guanajuato CP 36023, Mexico

### Deadline for manuscript submissions

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## Mathematics

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)

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The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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### Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,  
The Gateway, Leicester LE1 9BH, UK

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