Special Issue

Deep/Machine Learning in Visual Recognition and Anomaly Detection

Message from the Guest Editors

Dear Colleagues Conventional learning-based visual semantic recognition approaches rely heavily on large-scale training data with dense annotations and consistently fail to estimate accurate semantic labels for unseen categories. The emergence of few-/zero-shot learning make it possible to learn unseen categories from a few labeled or even zero-labeled samples, which advances the extension to practical applications. The editors hope to collate a group of research results to report the recent developments in the related research topics. In addition, researchers can exchange their innovative ideas on the topic of few-/zero-shot learning in visual recognition and anomaly detection by submitting manuscripts for this Special Issue. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: (1) Theoretical advances and algorithm developments in few-/zero-shot learning; (2) Useful applications of few-/zero-shot learning in visual recognition and anomaly detection; (3) New datasets and benchmarks for few-/zero-shot learning in visual recognition and anomaly detection.

Guest Editors

Dr. Yang Liu

School of Telecommunications Engineering, Xidian University, Xi'an 710071, China

Dr. Jin Li

School of Computer Science, Shaanxi Normal University, Xi'an 710062, China

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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