

Special Issue

Control of Multiphase Machines and Drives

Message from the Guest Editors

With the interest in electrical machines growing in recent times, the multiphase machine field has become an interesting research area. Their intrinsic features (power splitting, better fault tolerance, or lower torque ripple) make them a very interesting competitor to conventional three-phase machines. Multiphase electric drives have been recently used in applications where the fault tolerance and the continuous operation of the drive are required. However, the difficulties in extending the three-phase conventional current regulation and control structure to multiphase systems still limit their broad applicability in industry solutions. The main objective of this Special Issue is to encourage new advances, developments, and applications in the multiphase machines and drives field, while exposing these advances, developments, and applications to the scientific community and industry.

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