

CONTROLO 2024

Proceedings of the 16th APCA International Conference on Automatic Control and Soft Computing, July 17-19, 2024, Porto, Portugal

This book offers a perfect insight of the latest research and developments in the fields of dynamic systems and control engineering. Gathering the proceedings of the 16th APCA International Conference on Automatic Control and Soft Computing (CONTROLO 2024), held on July 17-19, 2024, in Porto, Portugal, this volume covers a wide range of theoretical and practical issues relating to the development and use of different control approaches, such as PID control, adaptive control, non-linear control, intelligent monitoring and control based on fuzzy and neural systems. Further topics include robust control systems, and real time control. Sensors and actuators, measurement systems, renewable energy systems, aeronautic and aerospace systems, as well as industrial control and automation, are also comprehensively covered. All in all, this book offers a timely and thoroughly survey of the latest research in the fields of dynamic systems and automatic control engineering, and a source of inspiration for researchers and professionals worldwide.

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