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PREFACE

During the last decade, mechatronic systems have been found in many things and many experiences of our everyday lives. The word “mechatronics” was first used by the engineer Tetsuro Mori in Japan in 1969. Mechatronics is a multidisciplinary area of study combining mechanics, electronics, computers and automation. A synergistic collaboration among these fields of science involves high potential for accomplishments and achievements now accessible to a wide variety of engineers.

The book *Mechatronic Systems: Design, Performance and Applications* is a source of the latest research and technical notes in mechatronics. This book is useful for students, researchers, and all readers interested in this topic. It is organized into eight chapters.

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