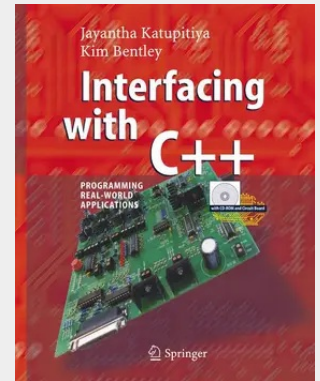


Interfacing with C++

Programming Real-World Applications

This book is for people who are interested in learning and exploring electronic interfacing as well as C++ programming in a practicable and enjoyable way. Readers will learn to program a PC to do real-world things - not simply number crunching and graphics. They will also master how to write programs that interact with real-world devices. The book and accompanying software incorporate simple and easy-to-understand projects such as digital-to-analog conversion, analog to digital conversion, DC and Stepper motor control, temperature and voltage measurement, PC-based timing, or basic data acquisition. The audience of this innovative and rewarding approach to learn interfacing real-world devices to a computer via C++ are undergraduate and graduate students in engineering and science, practicing engineers/scientists, technical workers, and hobbyists. The types of courses the book complements include control engineering, electronics, computing, and mechatronics.

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