



# Applied Optimal Control and Estimation; Digital Design and Implementation

*By Frank Lewis*

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## **Applied Optimal Control and Estimation; Digital Design and Implementation** By Frank Lewis

This book covers optimal design for multi-input/multi-output (MIMO) systems, providing not only the theoretical background, but also practical implementation techniques for control and estimation algorithms. Real-time implementation methods for a wide range of industries and control problems are detailed, including control of computer disk drives, chemical process control, and aircraft control. The book puts modern control design tools - based on solving matrix equation - well within the reach of the individual design engineer. You'll see how to design control systems using software programs, simulate these controllers on digital controllers, and then implement digital controllers on actual processors using digital signal processors (DSPs).

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## **Applied Optimal Control and Estimation; Digital Design and Implementation By Frank Lewis Bibliography**

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About the Author

NA

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