

Designing Control Loops For Linear And Switching Power Supplies A Tutorial

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Designing Control Loops for Linear and Switching Power Supplies written by Christophe P.

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Loop control is an essential area of electronics engineering that today's professionals need to master.

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Loop control is an essential area of electronics engineering that today's professionals need to master. Rather than delving into extensive theory, this practical book focuses on what you really need to know for compensating or stabilizing a given control system. You can turn instantly to practical sections with numerous design examples and ready-made formulas to help you with your projects ...

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In a purely linear feedback loop, fC is limited by cumulative phase lags in various system elements. These phase lags inevitably increase with frequency in a manner that often varies unpredictably. Compensation becomes impossible, forcing the designer to set fC at a frequency where the phase lags are still manageable.

Control Loop Cookbook - TI.com

Designing Control Loops for Linear and Switching Power Supplies: A Tutorial Guide. By Christophe Basso, Artech House, 2012: 593 Pages. Price £99.00, ISBN 978-1-60807-557-7

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