Design of a Phase Lead-Lag Controller for Servo Motors

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Abstract

Servo motors are used in diverse industrial applications in the world today. The main feature of these applications is that they require precise position or velocity controlling. In this research, we have come up with a robust and accurate design tools to control and diagnose Servo motor systems using Phase Lead-Lag technique. This Development Kit has a Manual Controller Design Tool to design Phase Lead-Lag Controllers. There is also an Automatic Controller Design and Diagnosis Tool as well.