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The closed-loop (feedback) control [14] of the phase shift was inspired by an analog phase-locked loop PLL [15]. We can see the complete control scheme with the circuit in Figure 14. ...

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Feedback []. A feedback loop is a common and powerful tool when designing a control system. Feedback loops take the system output into consideration, which enables the system to adjust its performance to meet a desired output response.

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in Chapter 8, which is a fundamental tool for understanding feedback systems. Using transfer functions, one can begin to analyze the stability of feedback systems using frequency domain analysis, including the ability to reason about the closed

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