IL2239 Course Project

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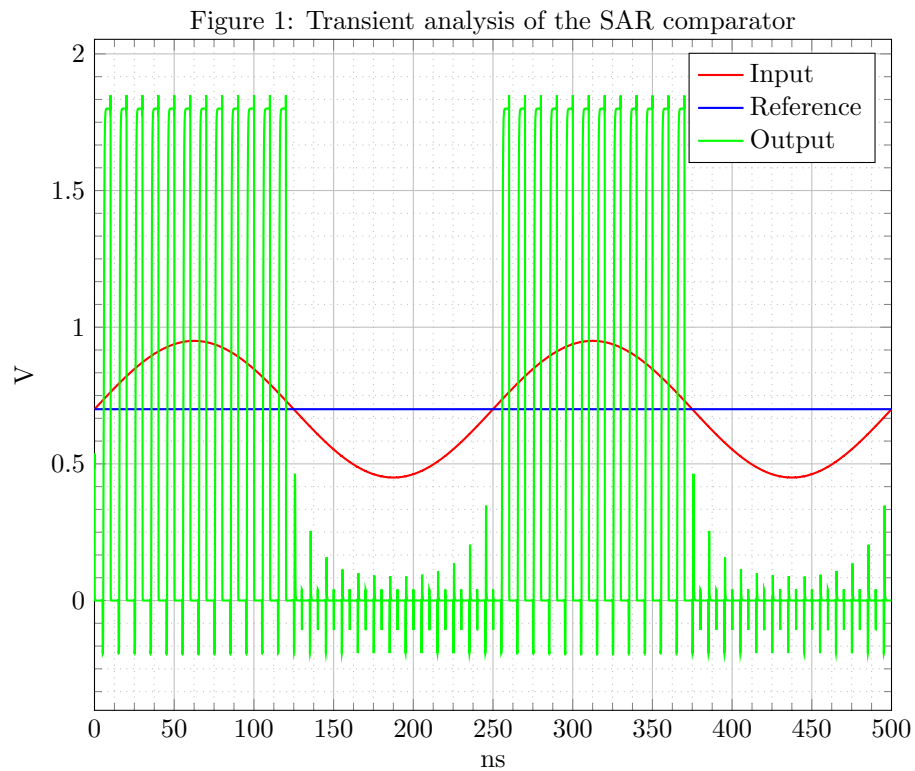
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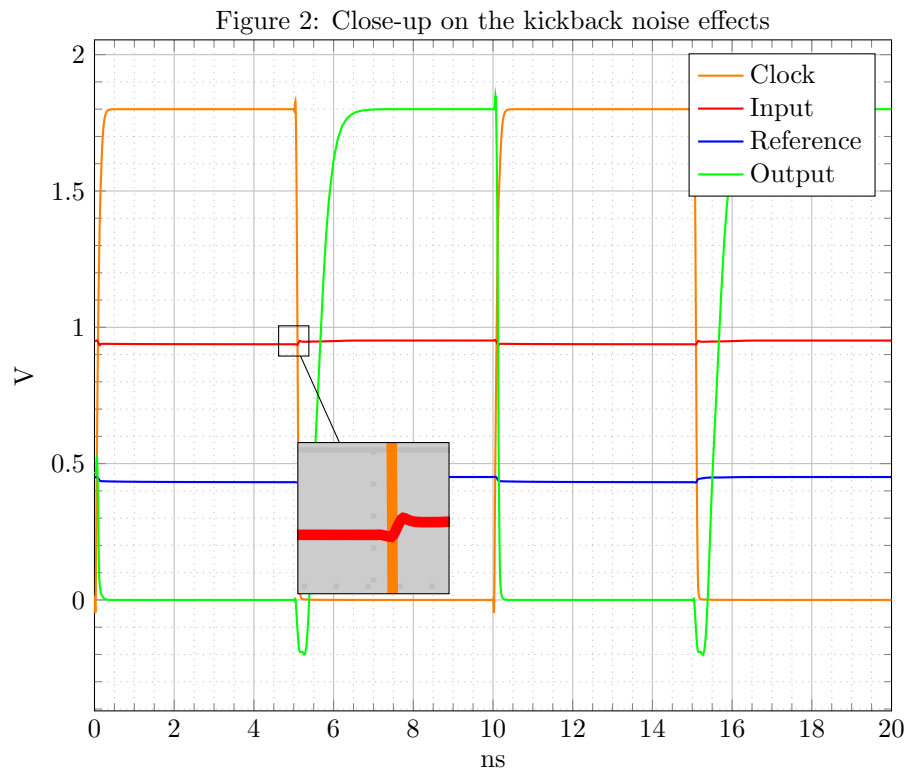
Introduction

Milestone 1

Transient analysis

Figure 1: Transient analysis of the SAR comparator

Kickback simulation

Figure 2: Close-up on the kickback noise effects

Noise simulation

Milestone 2

Milestone 3

Milestone 4

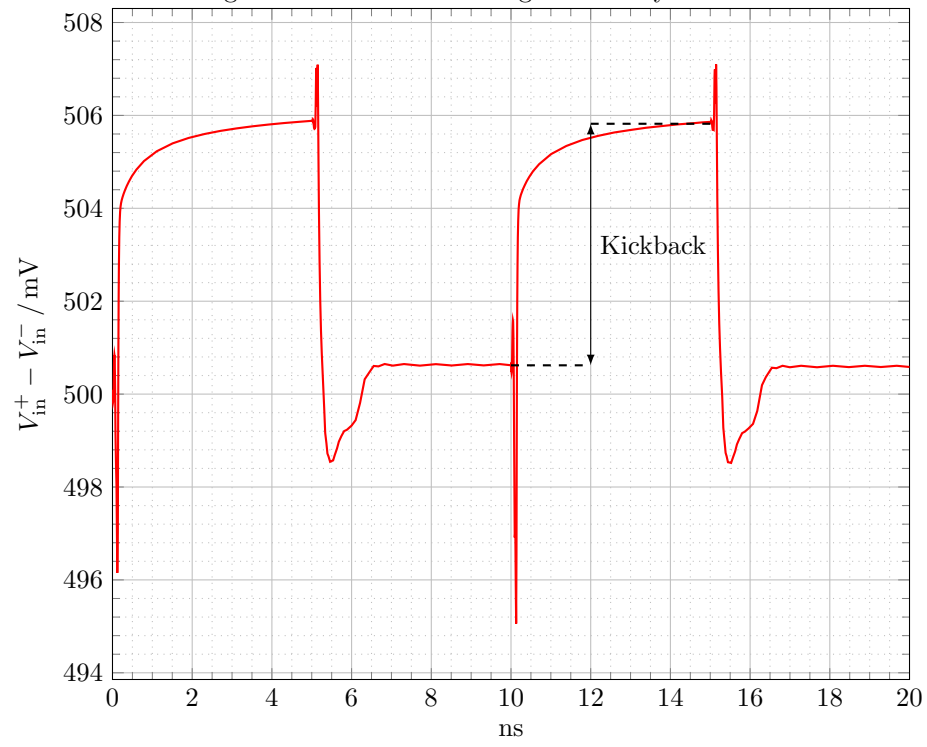Figure 3: Differential error generated by the kickback
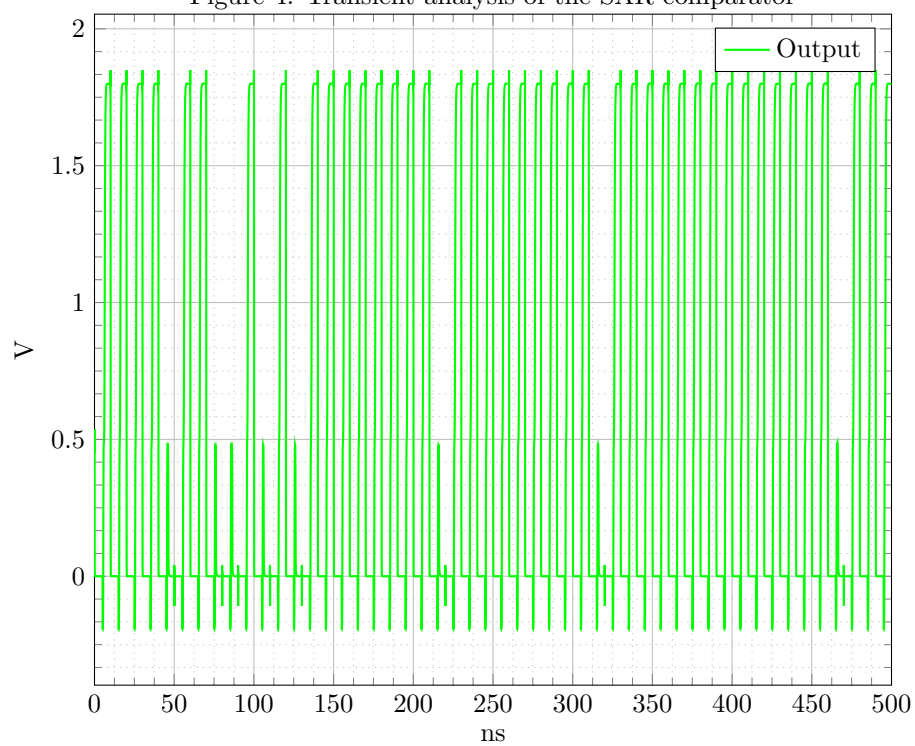
Figure 4: Transient analysis of the SAR comparator

Figure 5: Transient analysis of the SAR comparator