

Figure 4.7cde

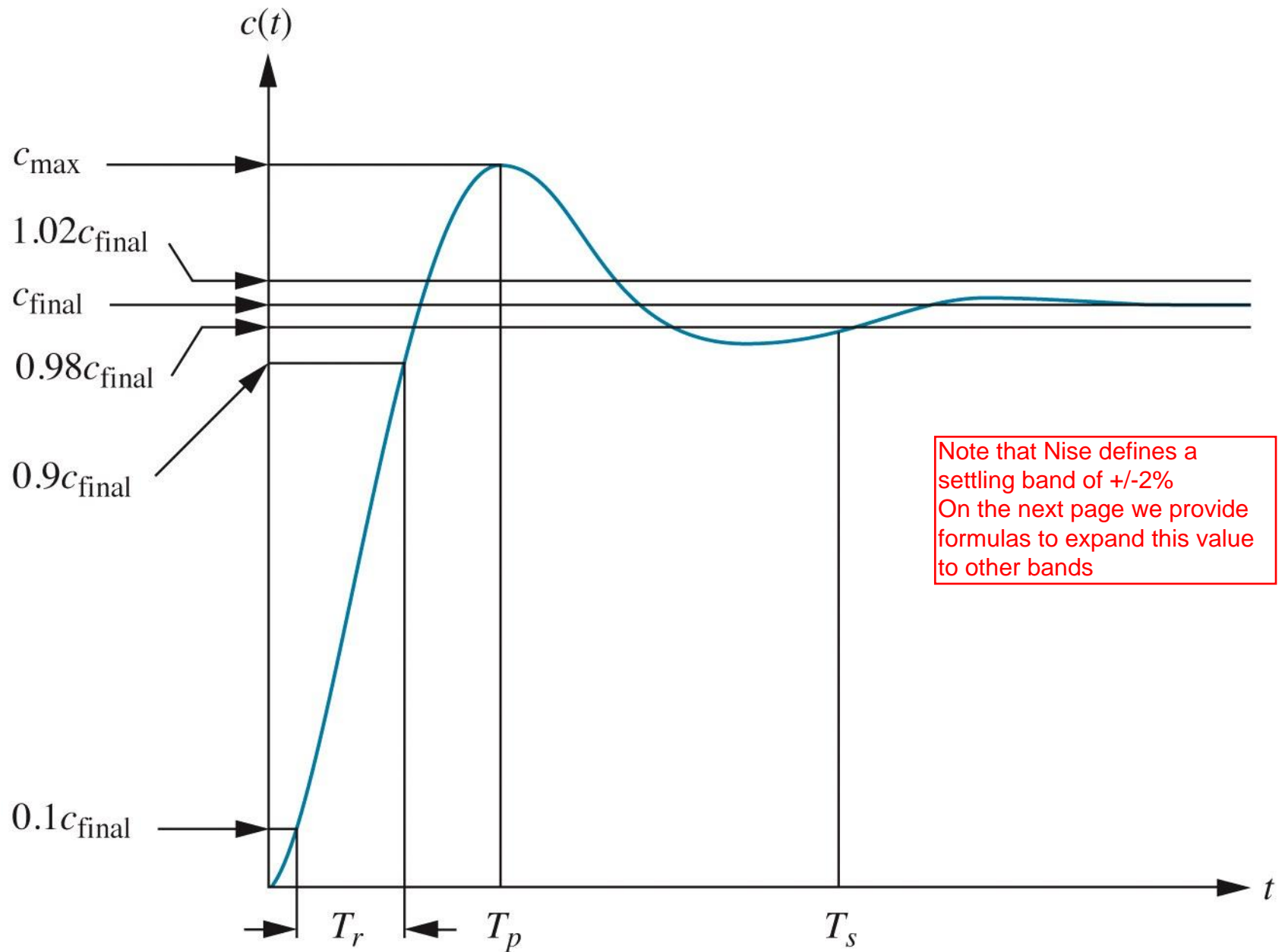


Figure 4.14
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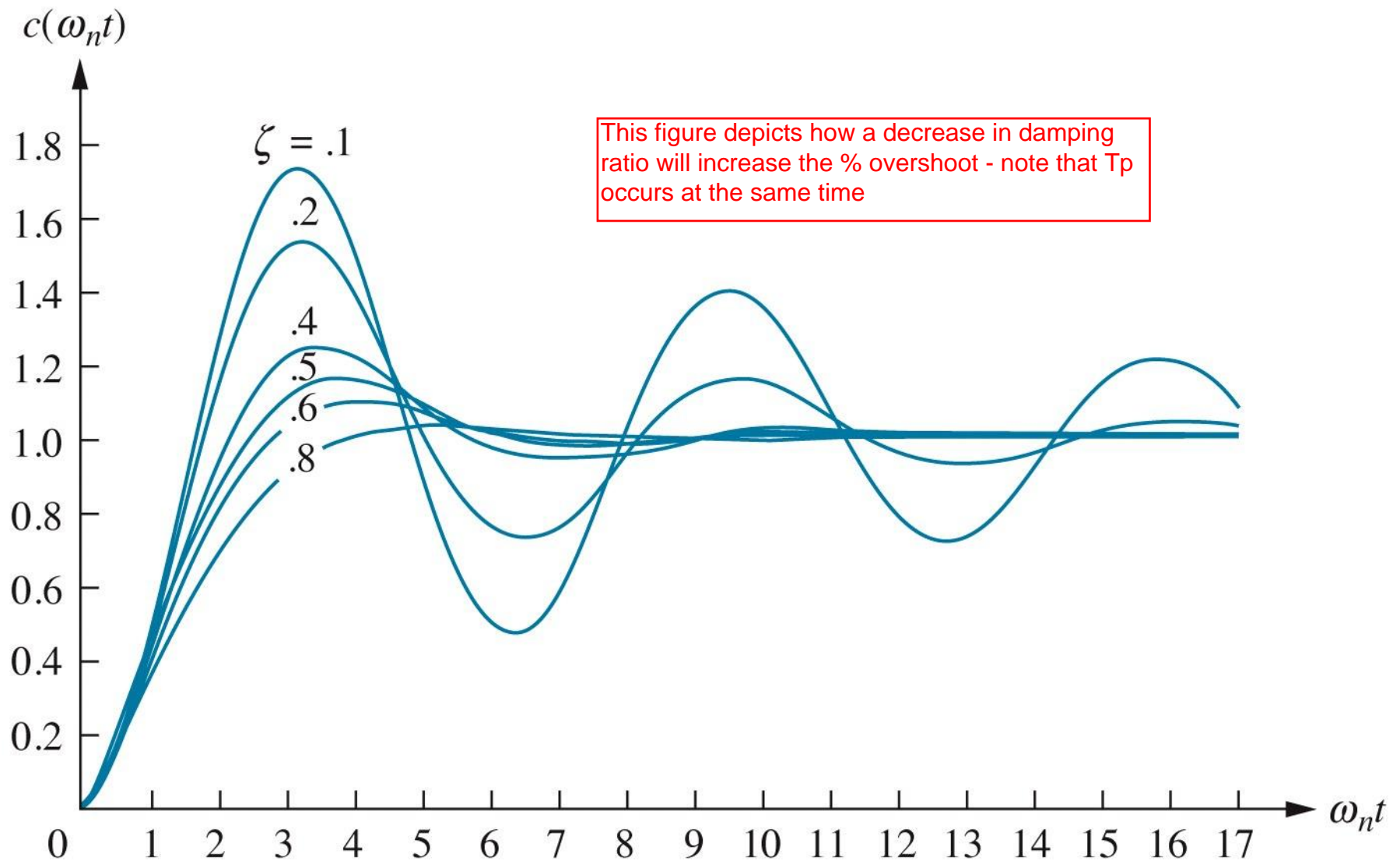


Figure 4.13
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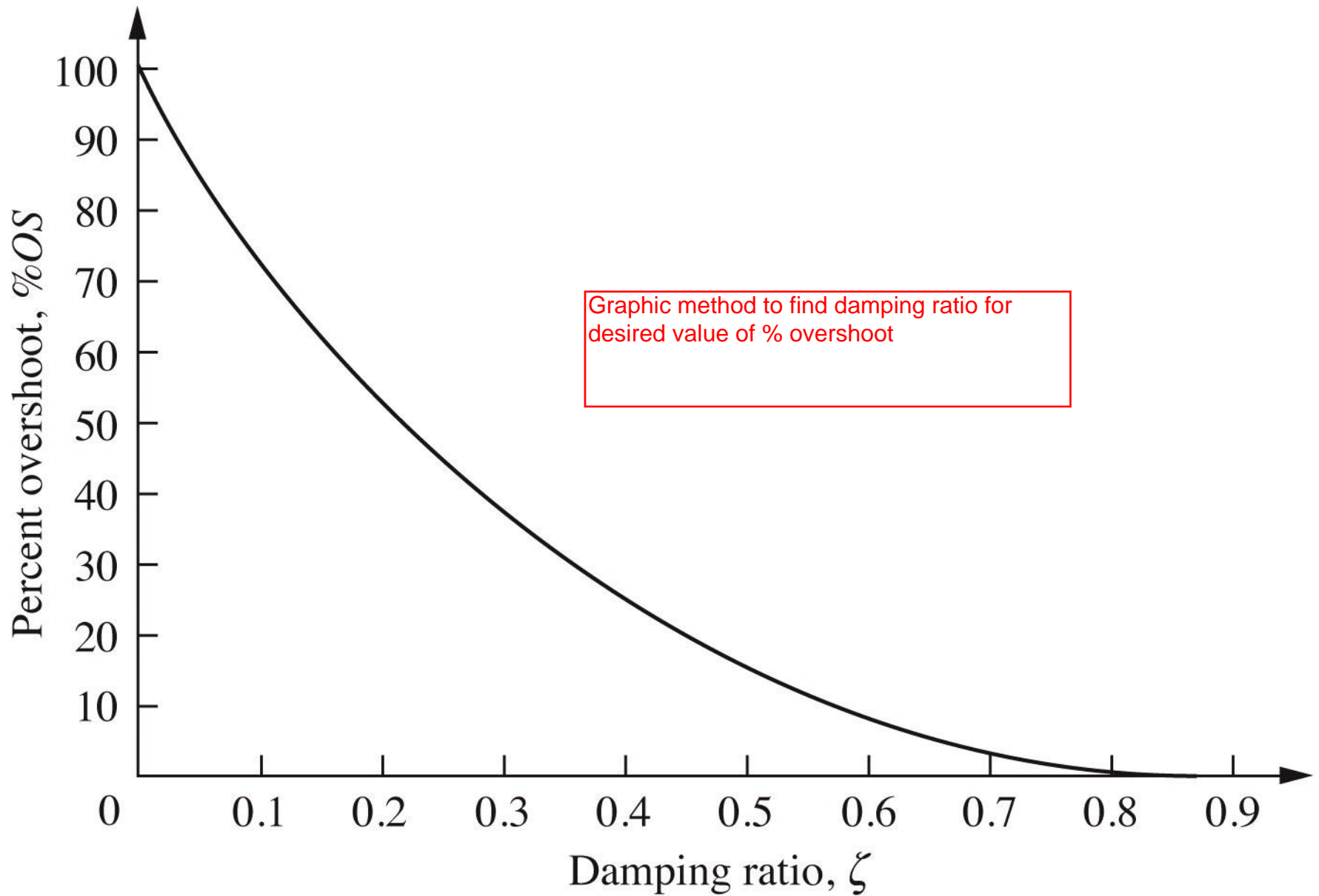


Figure 4.15

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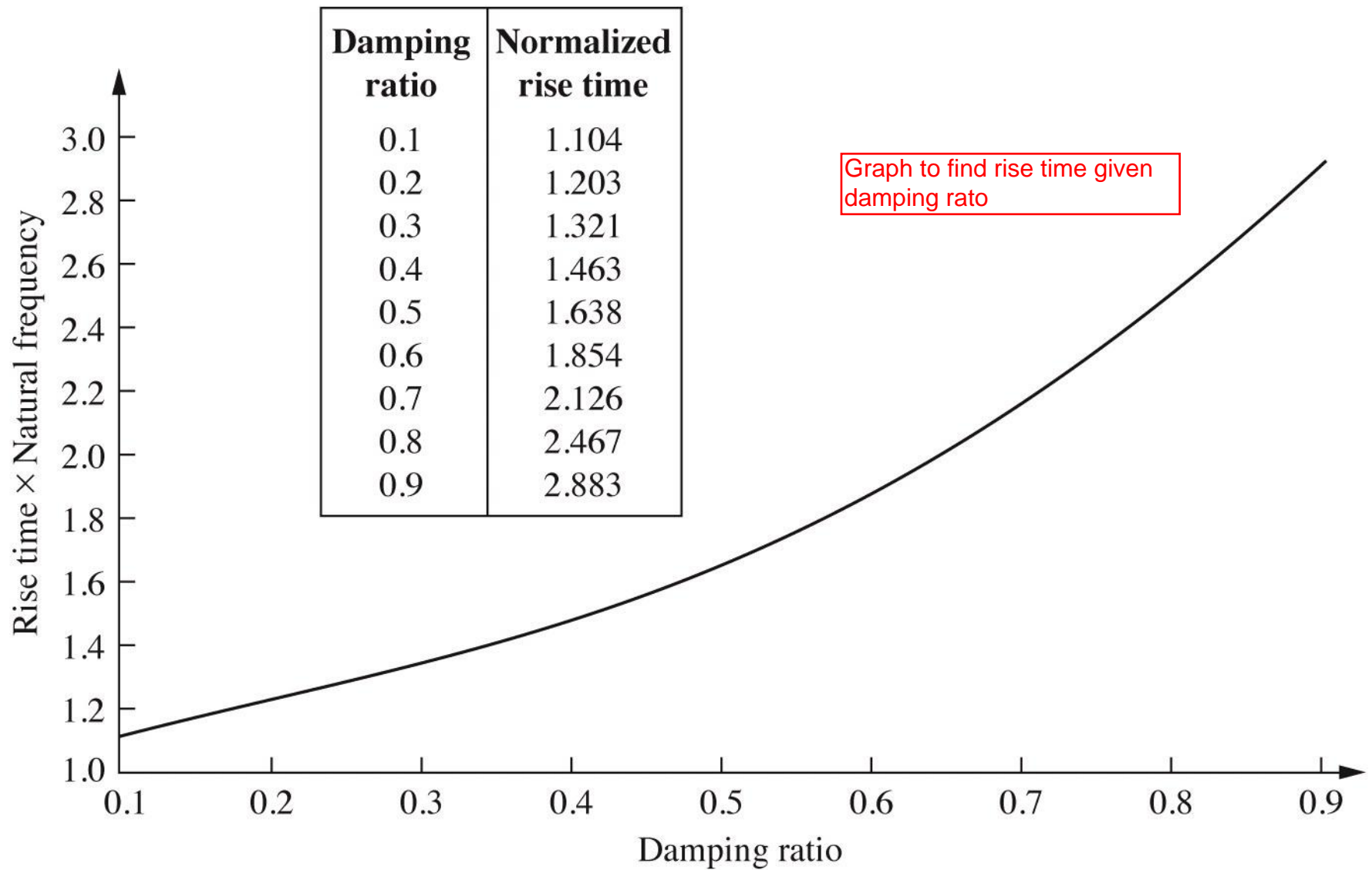
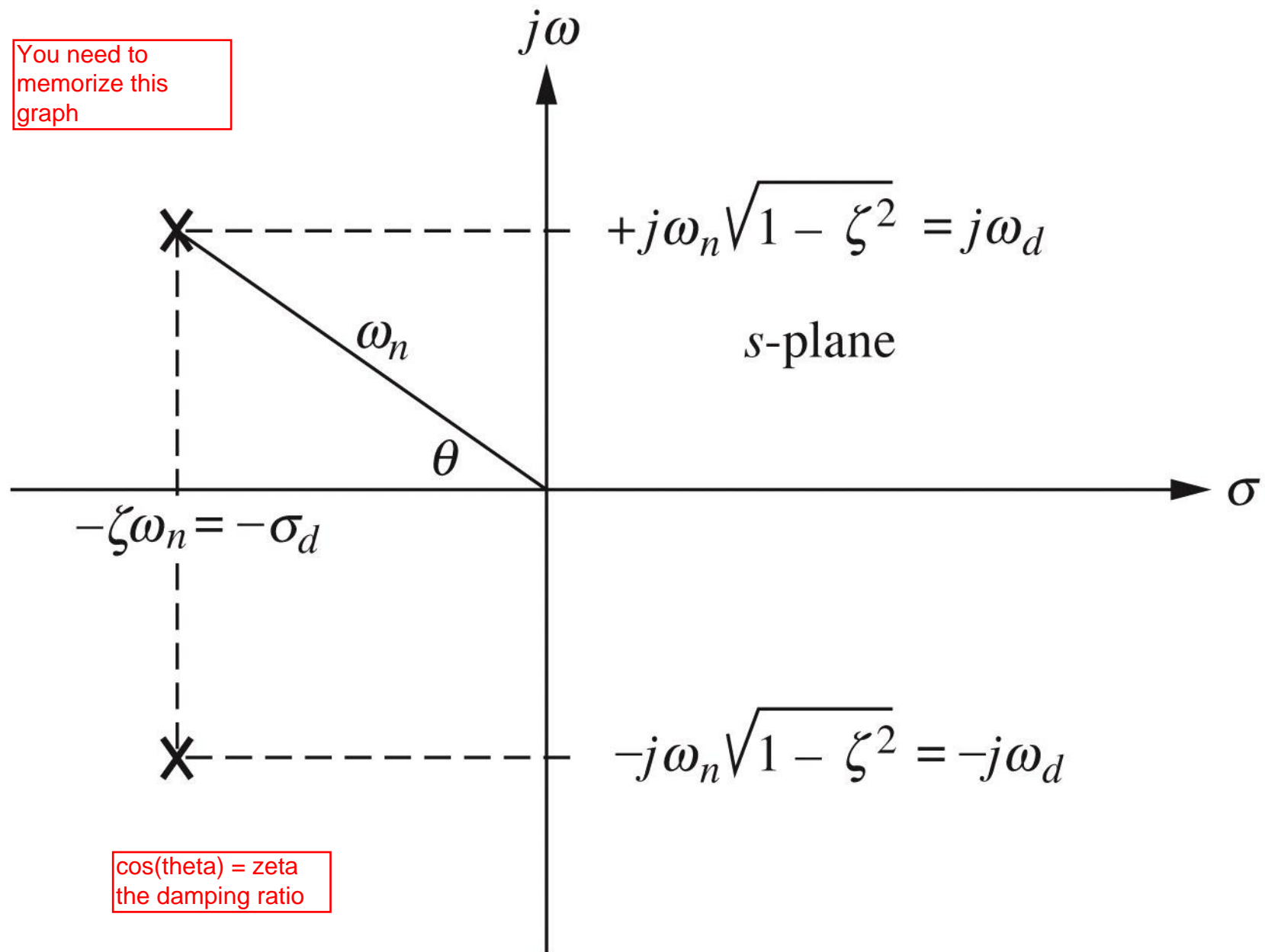


Figure 4.16
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You need to
memorize this
graph



$\cos(\theta) = \zeta$
the damping ratio

Figure 4.17
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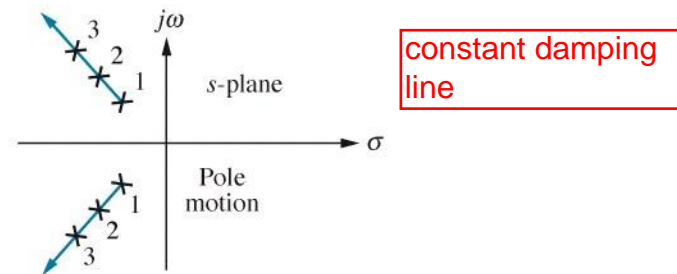
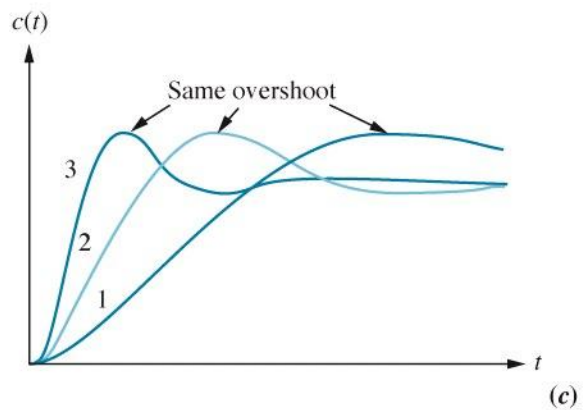
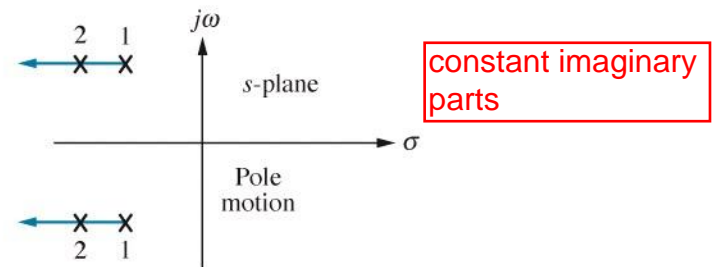
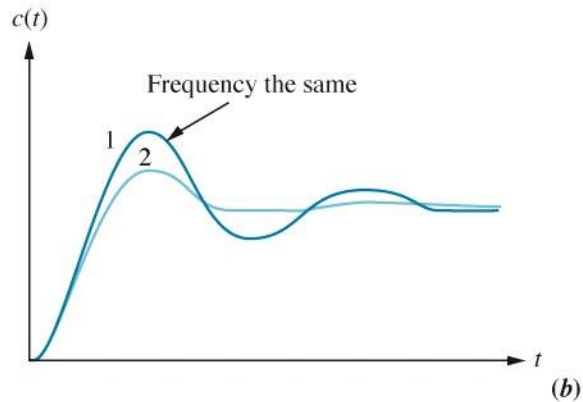
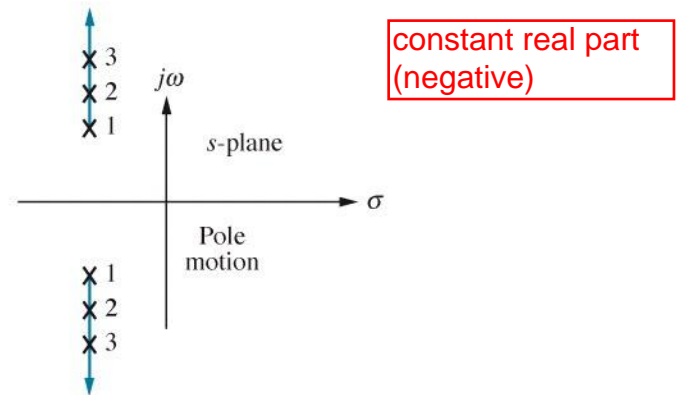
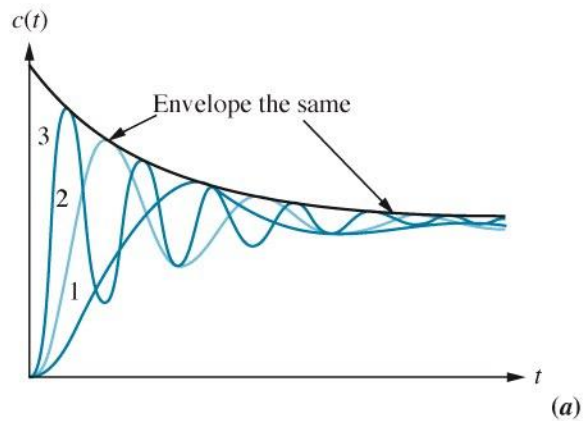


Figure 4.19
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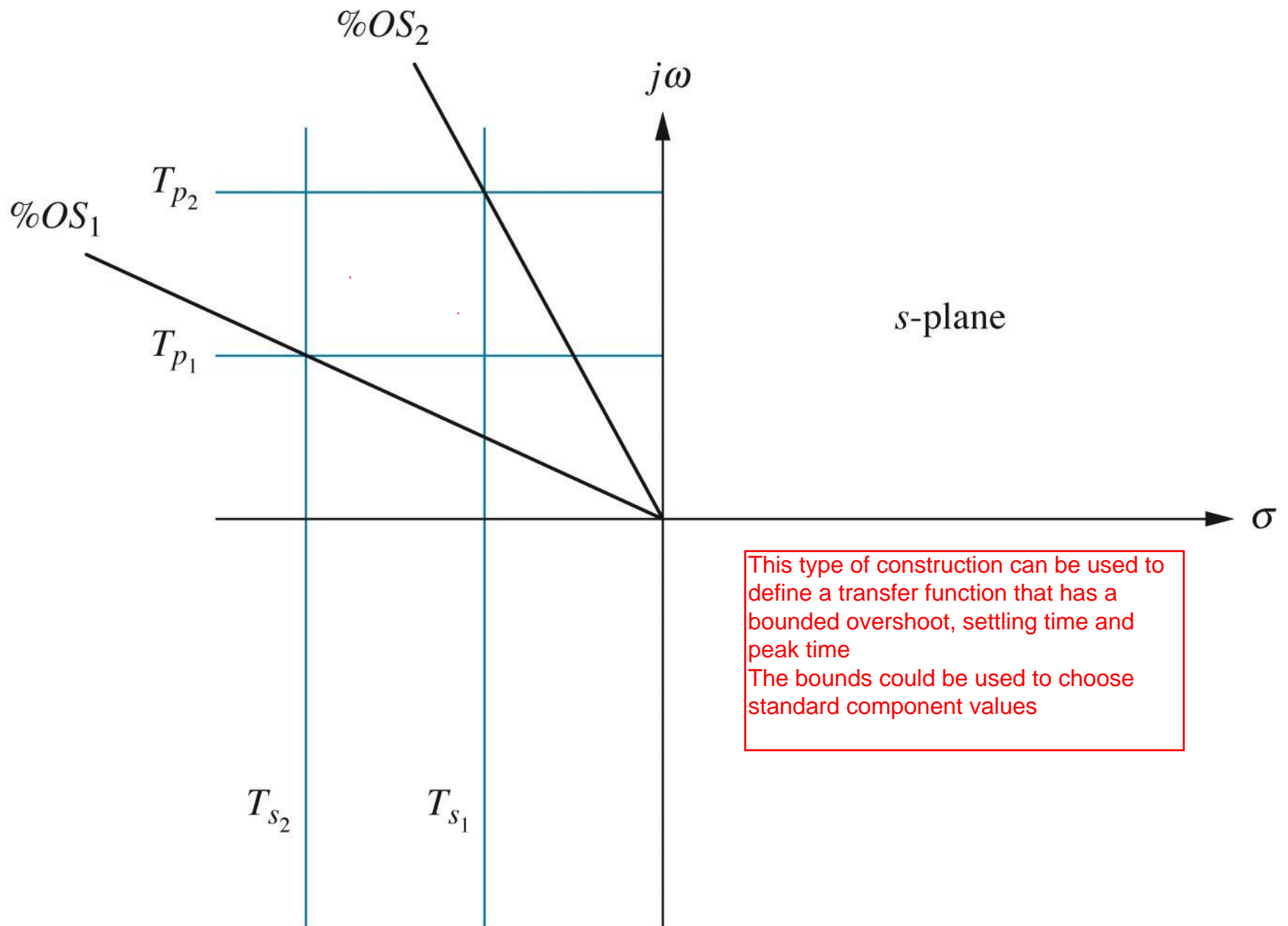


Figure 4.18