

Tutorial 3 questions to solve:

1. “Strain gauge is a zero order instrument,” Explain this statement.
2. Explain the significance of time constant in a first order instrument.
3. Describe the given figure subjected to the damping ratio.

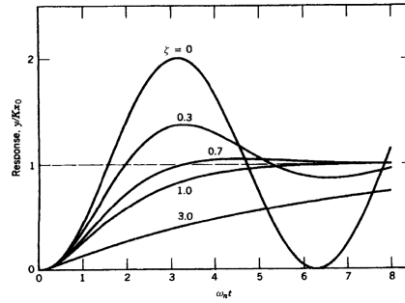


Fig. 3

4. Taking the following figure as reference define (i) peak time, (ii) settling time, (iii) overshoot, (iv) rise time, and (v) time constant

