

Automatic Control Systems MCQ Questions & Answers | Electrical Engineering

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Important Theory

31. In force current analogy, displacement x is analogous to

- A. ☐ Charge
- B. ☐ Magnetic flux linkage
- C. ☐ Electrostatic energy
- D. ☐ Voltage

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option B

No explanation is given for this question [Let's Discuss on Board](#)

32. If the poles lie in second quadrant, damping ratio is

- A. ☐ 1
- B. ☐ less than 1
- C. ☐ zero
- D. ☐ more than 1

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option B

No explanation is given for this question [Let's Discuss on Board](#)

33. If poles lie in first quadrant, damping ratio is

- A. ☐ 1
- B. ☐ More than 1
- C. ☐ less than 1
- D. ☐ Zero

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option C

No explanation is given for this question [Let's Discuss on Board](#)

34. In a simple on-off controller with differential gap, the magnitude of differential gap determines

- A. ☐ The level of accuracy
- B. ☐ The life of controller
- C. ☐ Both (a) and (b)
- D. ☐ Neither (a) nor (b)

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option C

No explanation is given for this question [Let's Discuss on Board](#)

35. Bandwidth is proportional to speed of response.

- A. ☐ True
- B. ☐ False

Answer & Solution

Discuss in Board

Save for Later

Answer & Solution

Answer: Option A

No explanation is given for this question [Let's Discuss on Board](#)