Related Topics

- Multiple Choice Question (MCQ) of Control Systems page-10
- Multiple Choice Question (MCQ) of Control Systems page-9
- Multiple Choice Question (MCQ) of Control Systems page-8
- Multiple Choice Question (MCQ) of Control Systems page-7
- Multiple Choice Question (MCQ) of Control Systems page-6
- Multiple Choice Question (MCQ) of Control Systems page-5
- Multiple Choice Question (MCQ) of Control Systems page-4
- Multiple Choice Question (MCQ) of Control Systems page-3
- Multiple Choice Question (MCQ) of Control Systems page-2
- Multiple Choice Question (MCQ) of Control Systems page-1

Index

Symbols
Transformer
Relay
Power-System
Basic-electrical
ACSR-Conductor
Circuit-Breaker
Interview-questions-of-Basic-Electricity
Interview-questions-of-transformer
Insulator
Current-Transformer
MCQ
MCQ-powersystem
Thermal-power-station
Interview-questions-of-Power-System
Power-Electronics
Interview-questions-of-Underground-Cable
Interview-questions-of-Illumination
Illumination
MCQ-of-Electronics
MCQ-of-Basic-Electrical
MCQ-of-Transformers
MCQ-of-D.C-motor
MCQ-of-D.C-generators
MCQ-Control-System
MCQ-Measurements
mcq-of-Generation-power-system
MCQ-of-Induction-Motor
MCQ-of-Transmission-Distribution

Multiple Choice Question (MCQ) of Control Systems page-10

97. Cut off frequency is the frequency at which magnitude of closed loop frequency response is

a) 1 db below its zero frequency
b) 2 db below its zero frequency
c) 3 db below its zero frequency
d) 4 db below its zero frequency

Ans: (c)

98. In Nyquist criterion roots of the characteristic equation are given by

a) Zeros of open loop transfer function
b) Zeros of closed loop transfer function
c) Poles of closed loop transfer function
d) Poles of open loop transfer function

Ans: (c)

99. For all frequencies, a unit circle in the Nyquist plot transformer into

a) Db line of amplitude plot in Bode diagram
b) 1 db line of amplitude plot in Bode diagram
c) Either (a) and (b)
d) None of these

Ans: (c)

100. Transfer founction, when the bode diagram is plotted should be of the form

a) (1+T)
b) (1+S)
c) (Ts)
d) (1+Ts)

Ans: (d)

101. For relative stability of the system which of the following is sufficient?

a) Gain margin
b) Phase margin
c) Both (a) and (b)
d) None of these

Ans: (c)

102. Slope in Bode plot is expressed as

a) – 6 db/decade
b) – 6 db/octave
c) – 7 db/octave
d) – 8 db/octave

Ans: (b)

103. Polar plots for+ve and –ve frequencies

a) Are always symmetrical
b) Can never be symmetrical
c) May be symmetrical
d) None of these

Ans: (a)

104. Gain margin of a first or second order system is

a) Zero
b) 100
c) 1
d) Infinity

Ans: (d)

105. Frequency range over which response of the system is within acceptable limits is called system

a) Modulation frequency
b) Demodulation frequency
c) Carrier frequency
d) Band width

Ans: (d)

106. By adding a pole at s = 0, Nyquist plot of the system will

a) Shift 90° clockwise
b) Shift 90° anticlockwise
c) Shift 180°
d) Not change at all

Ans: (a)

107. A complex-conjugate pair of poles near the jw axis will produce a

a) High oscillatory mode of transient response
b) Steady state mode of response
c) Sinusoidal mode of response
d) None of these

Ans: (a)

Related topics :

1. Multiple Choice Question (MCQ) of Control Systems page-10
2. Multiple Choice Question (MCQ) of Control Systems page-9
3. Multiple Choice Question (MCQ) of Control Systems page-8
4. Multiple Choice Question (MCQ) of Control Systems page-7
5. Multiple Choice Question (MCQ) of Control Systems page-6
6. Multiple Choice Question (MCQ) of Control Systems page-5
7. Multiple Choice Question (MCQ) of Control Systems page-4
8. Multiple Choice Question (MCQ) of Control Systems page-3
9. Multiple Choice Question (MCQ) of Control Systems page-2
10. Multiple Choice Question (MCQ) of Control Systems page-1

Recent Post

Multiple Choice Question (MCQ) of Electronics page-17:
241. Which of the following statement is true? a) The saturation voltage V_{CE} of silicon transistor is more than germanium transistor.
b) The saturation voltage V_{CE} for germanium transistor is more than silicon transistor.
c) The saturation voltage V_{CE} for silicon transistor is same as that for germanium.
d) The saturation voltage V_{CE} for silicon transistor is lower than germanium transistor.

Read more...

Multiple Choice Question (MCQ) of Electronics page-16:
226. Which of the following statement is correct? a) Inner electrons are always present in the semiconductor.
b) Bound electrons are always present in the semiconductor.
c) Free electrons are always present in the semiconductor.
d) Inner and bound electrons are always present in the semiconductor.

Read more...

Multiple Choice Question (MCQ) of Electronics page-15:
211. The materials whose electrical conductivity is usually less than 1×10^6 mho/m are a) Semiconductors
b) Conductors
c) Insulators
d) Alloys

Read more...

Multiple Choice Question (MCQ) of Electronics page-14:
196. In which of the following device the base resistors are not added in the package but added externally? a) UJT
b) CUJT
c) PUT
d) None of the above

Read more...

Multiple Choice Question (MCQ) of Electronics page-13:
181. The conduction in JEFT is always by the a) Majority carriers
b) Minority carriers
c) Holes
d) Electrons
e) Holes and electrons simultaneously

Read more...