

11 Lecture - PHY301

Important Mcqs

What is the loop gain of the circuit shown below?

loop analysis circuit 1

- a) $2/3$
- b) $3/2$
- c) $1/3$
- d) $3/4$

Answer: a) $2/3$

What is the loop gain of the circuit shown below?

loop analysis circuit 2

- a) -2
- b) $-1/2$
- c) -1
- d) $-1/4$

Answer: b) $-1/2$

What is the loop gain of the circuit shown below?

loop analysis circuit 3

- a) $-1/3$
- b) $-2/3$
- c) $-3/2$
- d) -1

Answer: b) $-2/3$

What is the loop gain of the circuit shown below?

loop analysis circuit 4

a) $5/6$

b) $6/5$

c) $1/2$

d) $2/3$

Answer: b) $6/5$

What is the loop gain of the circuit shown below?

loop analysis circuit 5

a) $-1/3$

b) $-2/3$

c) $-3/2$

d) -1

Answer: c) $-3/2$

What is the loop gain of the circuit shown below?

loop analysis circuit 6

a) $-1/3$

b) $-2/3$

c) -1

d) $-3/2$

Answer: a) $-1/3$

What is the loop gain of the circuit shown below?

loop analysis circuit 7

- a) $5/2$
- b) $2/5$
- c) $5/4$
- d) $4/5$

Answer: a) $5/2$

What is the loop gain of the circuit shown below?

loop analysis circuit 8

- a) $-1/3$
- b) -3
- c) $-3/2$
- d) $-2/3$

Answer: d) $-2/3$

What is the loop gain of the circuit shown below?

loop analysis circuit 9

- a) $-1/2$
- b) -2
- c) $-3/2$
- d) -1

Answer: a) $-1/2$

What is the loop gain of the circuit shown below?

loop analysis circuit 10

a) $-1/2$

b) -1

c) -2

d) $-3/2$

Answer: c) -2