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Courses » Modern Digital Communication Techniques

Announcements **Course** Ask a Question Progress FAQ

Unit 10 - Week 8

Register for Certification exam

Course outline

How to access the portal

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

- Lecture 36: With Memory Modulation (Contd.)
- Lecture 37: With Memory Modulation (Contd.)
- Lecture 38: With Memory Modulation (Contd.)
- Lecture 39: With Memory Modulation (Contd.)
- Lecture 40: Optimum Receivers for

Week 8 Assignment 8

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-03-27, 23:59 IST

- 1) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

- 2) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

- 3) a. 1 point
 b.
 c.
 d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

- 4) a. 1 point
 b.
 c.
 d.

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Week 9
Week 10
Week 11
Week 12
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Assignment Solution

Develk If a signal $s(t) = a(t) \cos(2\pi f_c t) - b(t) \sin(2\pi f_c t)$ then for 64-PSK, what are the values of $a(t)$ and $b(t)$ (given that, $g(t)$ is the pulse shape used)?

- a. $\cos\left(\frac{\pi}{2}(m-1)\right), \sin\left(\frac{\pi}{2}(m-1)\right)$
- b. $g(t) \cos\left(\frac{\pi}{16}(m-1)\right), g(t) \sin\left(\frac{\pi}{16}(m-1)\right)$
- c. $g(t) \cos\left(\frac{\pi}{32}(m-1)\right), g(t) \sin\left(\frac{\pi}{32}(m-1)\right)$
- d. $\cos\left(\frac{\pi}{32}(m-1)\right), -\sin\left(\frac{\pi}{32}(m-1)\right)$

- a.
- b.
- c.
- d.

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

- 6) a.
- b.
- c.
- d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

- 7) a.
- b.
- c.
- d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

- 8) a.
- b.
- c.
- d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

- 9) a.
- b.
- c.
- d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

d.

- 10) a.
 b.
 c.
 d.

1 point



No, the answer is incorrect.

Score: 0

Accepted Answers:

b.

- 11) a.
 b.
 c.
 d.

1 point



No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

- 12) a.
 b.
 c.
 d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

a.

- 13) a.
 b.
 c.
 d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

- 14) a.
 b.
 c.
 d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

d.

- 15) a.
 b.
 c.
 d.

1 point

No, the answer is incorrect.

Score: 0

Accepted Answers:

c.

Previous Page

End

