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5.3 QUIZ QUESTION 1 (1/1 point)

How does the eye diagram change if we decrease the bit time?

Please select the correct answer.

☐ The eye will be more open.☒ The eye will be more closed.

EXPLANATION

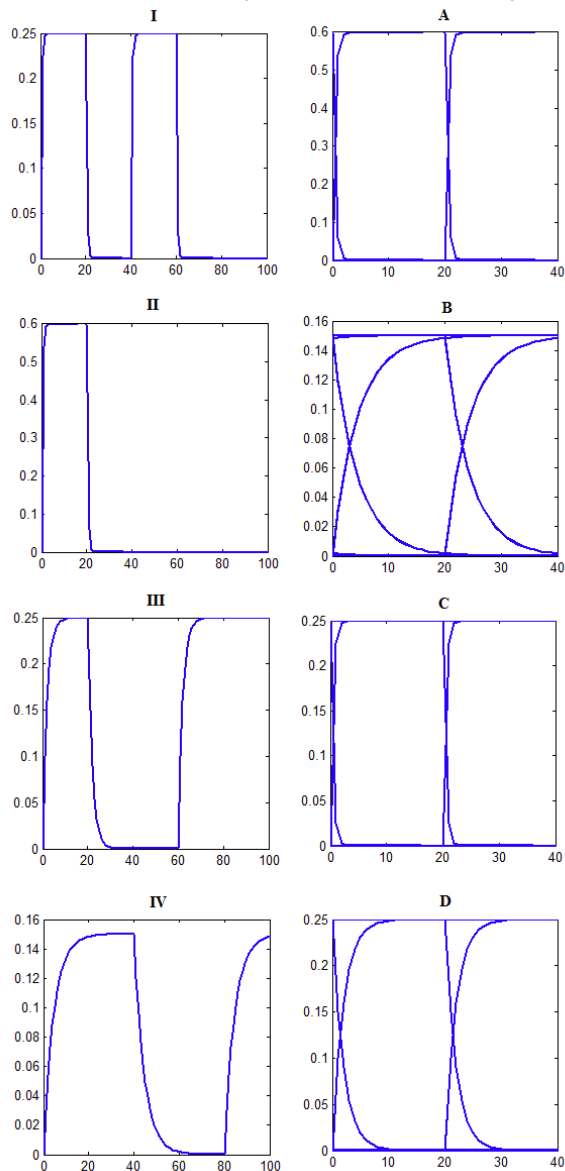
Given the same channel, a smaller bit time will reduce the "width" and "height" of the eye. Thus, the eye will be more closed.

[Hide Answer](#)

You have used 1 of 1 submissions

5.3 QUIZ QUESTION 2 (1/1 point)

In the diagram below, the left column shows the responses of four different communication channels to random bit inputs with bit time 20 samples. The right column shows the eye diagrams for those channels with SPB=20, but in random order. Match the channels I through IV with their corresponding eye diagrams labelled A to D.



Input a sequence of letters indicating which eye diagram corresponds to the channel I through IV. For example, if eye diagram A corresponds to Channel I, B to II, C to III and D to IV, input ABCD.

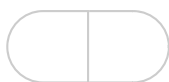
Answer: CADB

EXPLANATION

Compare the maximum values of channel responses and eye diagrams, as well as the rate at which the channel output increases and decreases.

Hide Answer

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