

King Fahd University of Petroleum & Minerals
Electrical Engineering Department
EE573: Digital Communications II
In Class Practice

Name(s):

Sketch the eye diagram given the following values: (Proper scale)

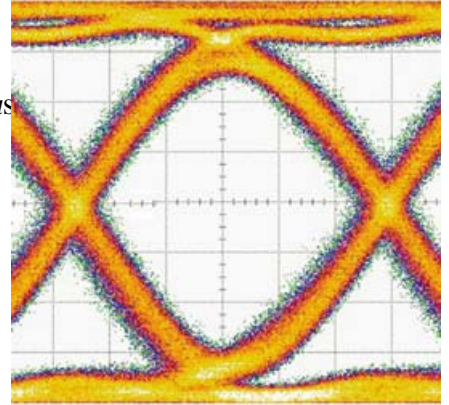
Distortion of zero crossing = $10 \mu\text{s}$.

Time interval over which the received signal can be sampled = $100 \mu\text{s}$

Margin over noise = 4 V.

Distortion at sampling time = 1 V.

Approximately, what is the Sensitivity to timing error?



Dr. Ali Muqaibel

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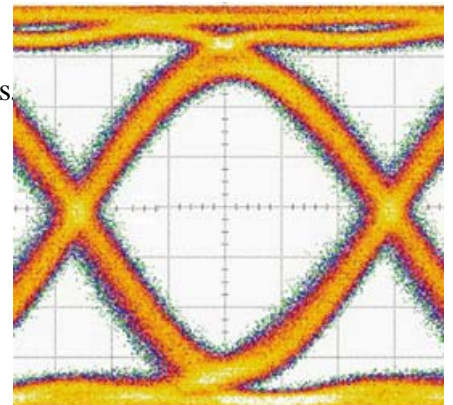
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