

Ten Lectures on the Probabilistic Method

Second Edition

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web 692 reflection and refraction of light p25 9 a as measured from the diagram the incidence angle is 60 and the refraction angle is 35 from snell's law $\sin \theta_1 / v_1 = \sin \theta_2 / v_2$ then $\sin \theta_1 = \sin 35^\circ \cdot 60 / 20 = 1.08$ and the speed of light in the block is 20 10 8 ms b the frequency of the light does not change upon refraction

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