

Answer on Question 52473, Physics, Optics

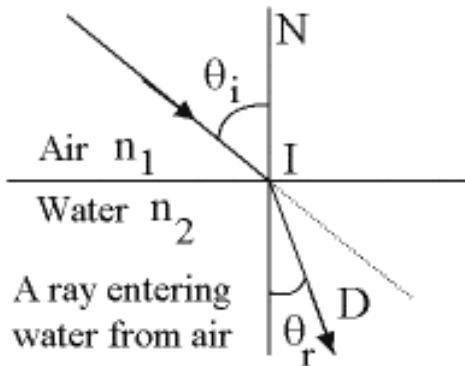
Question:

The bending of a ray of light as it passes from one medium to another is called _____

Answer:

The bending of a ray of light as it passes from one medium to another is called refraction. The change in the direction of the ray of light from medium to medium is because of the change in speed it undergoes. Light speed in different media is different.

It is easy to see that when a ray of light is incident on water surface at a certain acute angle, it bends and enters water through a different angle; in other words, it refracts. This refraction phenomenon is shown in the picture below:



So, the correct answer is **refraction**.