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| Virtual university Logos | CS602- **Computer Graphics**  ASSIGNEMN-2  JUNAID MALIK | VULMS Help |
| [BC190202640@vu.edu.pk](mailto:BC190202640@vu.edu.pk)  [Junaidfazal08@gmail.com](mailto:Junaidfazal08@gmail.com) | **For More Visit:** **vulmshelp.com** | JUNAID MALIK (0304-1659294) |



**Question NO .1**

A ray of light is incident through glass, with refractive index 1.62, on an interface separating glass and water with refractive index 1.22. What is the angle of refraction if the angle of incidence of the ray in glass is 35°?

**Solution:**

The angle point of refraction can be determined utilizing Snell’s laws, which expresses that the proportion of the sine of the point of frequency to the sine of the point of refraction is equivalent to the proportion of the records of refraction of the two materials.

For the given scenario, the refractive index of the glass 1.62 and the refractive index of the water 1.22 .The angle incidence of the ray in glass are 35°.

**Using formula:**

C= Sin (angle of incidence) / sin (angle of refraction)

C= refractive index of glass / refractive index of water









Then now we can inverse of sin to find angle of refraction





**Question NO. 2**

Given are the points that lie on a plane P,

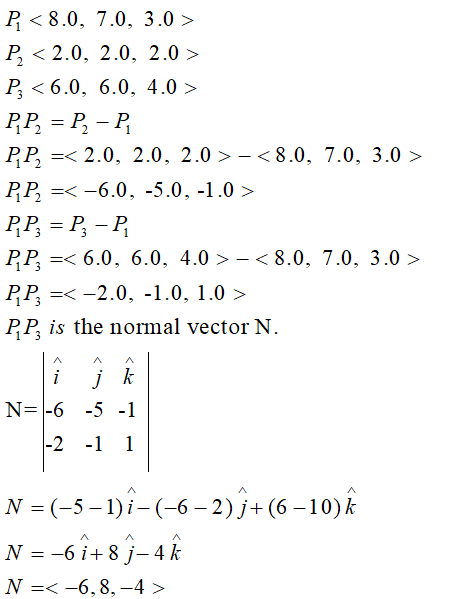
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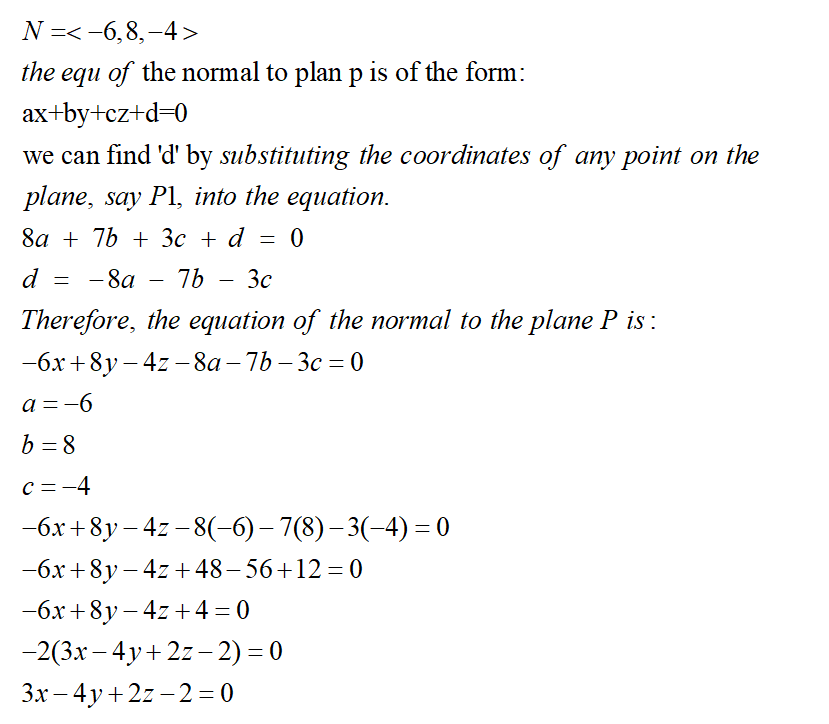
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P3<6.0, 6.0, 4.0>

You are required to find the equation of a normal to the plane P.

**Solution:**

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