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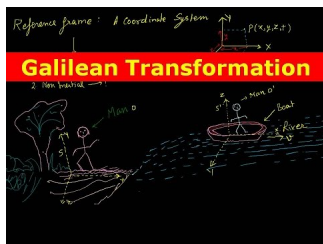
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## Galilean Transformation in Relativistic Mechanics (Hindi &amp; English)

With the help of two examples it is made simple understanding of the significance of Galilean Transformation in relativistic mechanics. Is...



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Expt\_2 Viva Questions: to determine the wavelength of the laser light by diffraction grating.  
LINK OF THE EXPERIMENT VIDEO:

<https://www.youtube.com/watch?v=Lf2Kk9fP4s8>  
1Q: What is diffraction grating? 2Q: What ...

Expt\_2 Hall Effect Experiment detail

SUNDAY, DECEMBER 04, 2016

## CERN openlab Summer Student Programme



Are you a B.Sc. or M.Sc. student (who will have completed at least three years of full-time studies at university level by next spring) in Computer Science or Mathematics, Engineering or Physics with a strong computing profile? Would you be interested in working on an advanced IT project for two full months during the summer? If so, you should apply to the CERN openlab Summer Student Programme!

During two full months corresponding to nine weeks (June-September 2017), the CERN openlab summer students will be given a series of IT lectures especially prepared for them by experts at CERN and other institutes. The students also have the opportunity to attend the CERN generic student programme lectures (link is external), if they wish. Visits to the accelerators and experimental areas are part of the programme, as well as visits to external companies. A report on the work project carried out is to be handed in at the end of the stay. For more information on the CERN openlab Summer Student Programme, please visit the [homepage](#)

## Technical Student opportunities at CERN





**Expt-3, Hall Effect Experiment detail formulation and Viva Questions and demonstration**

Expt.1-Hall Effect Experiment and its detail formulation Viva

Questions: 1Q: What hall effect signifies? 2Q: What do you under...



**Expt-4 Viva Questions, Determination of Planck's Constant**

Viva Questions: 1. What is Light Emitting Diode (LED)? 2. How it is different from Si/Ge diode? 3. How LED works? 4. In photoelec...



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Dr. Sushil Kumar In this video I have discussed about the calculation of the magnetic susceptibility by using the Quinke's experime...

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LINK OF THE EXPERIMENT

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**He-Ne gas Laser: Its Principle, Construction and Working**

The Helium-Neon laser was the first continuous laser. It was invented by Javan, Bennett and Harroit in 1961. Laser have three componen...

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#### Eligibility

You must be a Bachelor or Master student in Computer Science, Mathematics, Engineering or Physics.

- You have completed, by summer 2017, at least three years of full-time studies at university level.
- You will remain registered as a student during your stay at CERN. If you expect to graduate during summer 2017, you are also eligible to apply.
- You have not worked at CERN before with any other status (Technical Student, Trainee, User...) for more than 3 months.
- A good knowledge of English is mandatory; knowledge of French would be an advantage.

The above details you can find here:

<https://jobs.web.cern.ch/join-us/cern-openlab-summer-student-programme>

Posted by **Dr Sushil Kumar Guruji** at Sunday, December 04, 2016

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Labels: **CERN, Computer Science, Mathematics**



**Dr Sushil Kumar Guruji**

I tried to make Sushil as simple as it can be. He believes in GOD and bestow to his work. I always strengthen him to be a learner, writer, researcher and social person. He has been skilled for the betterment of society. He is scattering happiness and awareness in humanity.

<https://www.youtube.com/user/sushilk17able/videos>

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**Dr Sushil Kumar Guruji (apniPhysics)**

2 weeks ago - National Geographic Education (Opportunities for Students)

Eligibility

+3



**Dr Sushil Kumar Guruji (apniPhysics)**

2 weeks ago - Education Revolution (Game Changing Technology)

Are you a B.Sc. or M.Sc. student (who will have completed at least three years of full-time studies at university level by next spring) in Computer Science or Mathematics, Engineering or Physics with a strong computing profile? Would you be interested in working on an advanced IT project for two full months during the summer? If so, you should apply to the CERN openlab Summer Student Programme!

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apni Physics was founded by Dr. Sushil Kumar, a physicist, an eminent researcher and a teacher for the benefit of students and fellow physicists alike. apni Physics is an effort to create a better platform and also to help the students to be able to have content at their hands whenever they want, online. Dr. Sushil continues to upload his lectures and post articles about latest researches in physics, academic, physics education, and also lessons about daily life and how physics define every aspect of our everyday movement and life..

**ANY QUESTION?**  


If you have any doubt or question, found any mistake or want to know more about the topic, you can contact with me via my personal page. Click Here: <http://sushilk017.blogspot.in/>

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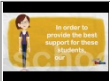
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