PHYSLAB 300/500

Lab schedule for the weeks 5-9 of experimental work (Nov-Dec 2018)

<table>
<tr><th>Student Name/ Date</th><th>08-11-2018</th><th>13-11-2018</th><th>15-11-2018</th><th>20-11-2018</th><th>22-11-2018</th><th>27-11-2018</th><th>29-11-2018</th><th>04-12-2018</th><th>06-12-2018</th></tr>
<tr><td>Muhammad Muzammil
Minahil Adil Butt</td><td colspan="2">Exploration: How fast do signals travel?</td><td colspan="2">Polarization Peanuts with Fourier Analysis (3.7)</td><td colspan="2">Wilberforce Pendulum (2.24)</td><td colspan="2">Michelson interferometry (2.9)</td><td>Will be assigned based on performance</td></tr>
<tr><td>Fatimah Zahid
Anoosha Fayyaz</td><td colspan="3">Mach-Zehnder Interferometry (2.21)</td><td colspan="2">Fourier Analysis of Light (3.4)</td><td colspan="2">Tuning a Laser Diode (3.6)</td><td colspan="2">Scanning Fabry-Perot Interferometer 3.5</td></tr>
<tr><td>Fezan Javed
Zain Ul Abdin</td><td colspan="2">Lock-in Amplifier (2.2)</td><td colspan="3">Faraday Rotation (2.6)</td><td colspan="2">Diffraction from a Grating (3.8)</td><td colspan="2">Will be assigned based on performance</td></tr>
<tr><td>Haseeb Ahmed</td><td colspan="2" rowspan="2">Wilberforce Pendulum (2.24)</td><td colspan="3" rowspan="2">Colliding Pucks on a Carom Board (5.3)</td><td colspan="2" rowspan="2">Exploration: Rolling Friction on an Inclined Plane</td><td colspan="2">Tracking Brownian motion (2.11)</td></tr>
<tr><td>Mohsin Raza Khan</td><td colspan="2">Projectile Motion (5.1)</td></tr>
<tr><td>Kaynat Alvi
Shafia Elahi</td><td colspan="2">Magnetic Pendulum (2.12)</td><td colspan="3">Chaos and Non-Linear Physics (2.5)</td><td colspan="2">Gamma ray spectroscopy (2.19)</td><td colspan="2">Reflection, Transmission and Fresnel Coefficients (3.1)</td></tr>
<tr><td>Syed Hasan Bukhari</td><td colspan="2">Tracking Brownian motion (2.11)</td><td colspan="2" rowspan="2">Gamma ray spectroscopy (2.19)</td><td colspan="2" rowspan="2">Mach-Zehnder Interferometry (2.21)</td><td rowspan="2">Projectile Motion (5.1)</td><td colspan="2" rowspan="2">Investigating polarization of light
through Jones calculus (3.3)</td></tr>
<tr><td>Najeha Rashid</td><td colspan="2">Temperature oscillations in a metal (2.3)</td></tr>
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