Quantum Mechanics
Physics 237

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Announcements

- Last remote lecture.
- Next week:
  - In-person lectures
  - In-person recitations
  - In-person office hours
- Homework # 2 is due on Friday. Last homework to be submitted online.

2

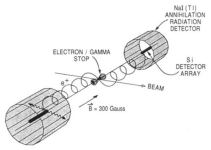
Some more facts: earning a living …. from the rising sea level.

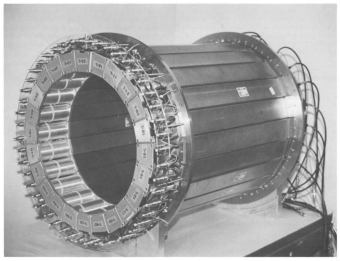

The Dutch Have Solutions to Rising Seas. The World Is Watching.

In the waterlogged Netherlands, climate change is considered neither a hypothetical nor a drag on the economy. Instead, it's an opportunity.

3

Physicists are not good business people. We invent, but do not make money.





Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment,

Volume 330, Issue 3, 20 June 1993, Pages 447-457

Fig. 2. An assembled NaI(Tl) detector array.

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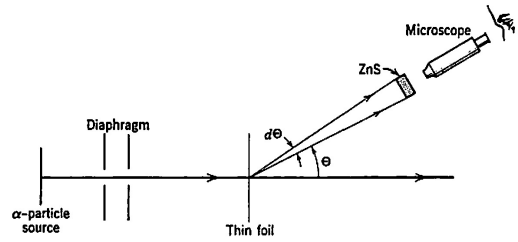
Rutherford.



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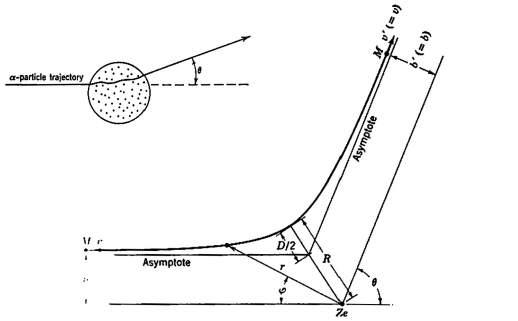
Scattering from the Nucleus.



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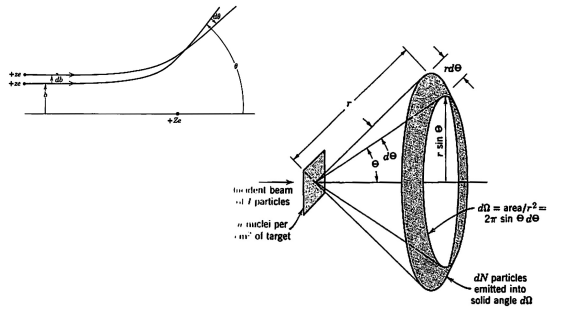
Scattering from the Nucleus.



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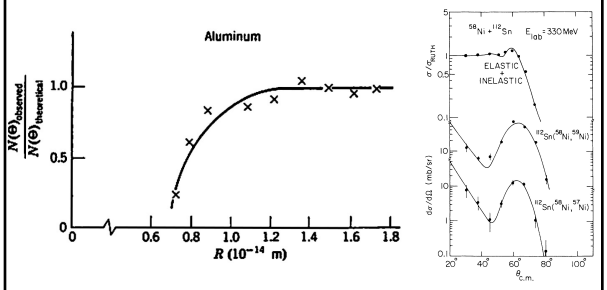
Nuclear size.



8

5 Minute 16 Second Intermission.

- Since paying attention for 1 hour and 15 minutes is hard when the topic is physics, let's take a 5 minute 16 second intermission.
- You can:
  - Stretch out.
  - Talk to your neighbors.
  - Ask me a quick question.
  - Enjoy the fantastic music.

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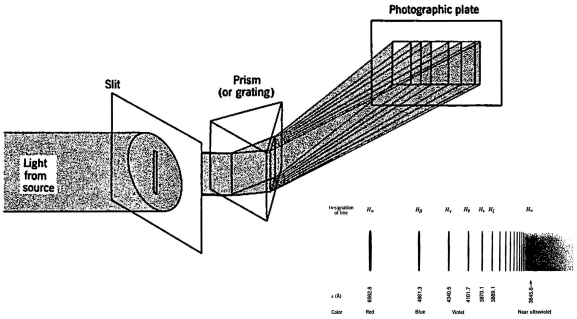
Atomic Spectra.



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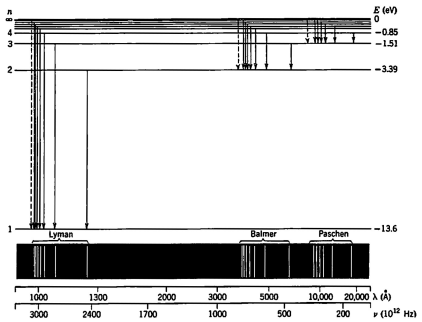
Bohr Predictions and Observations.



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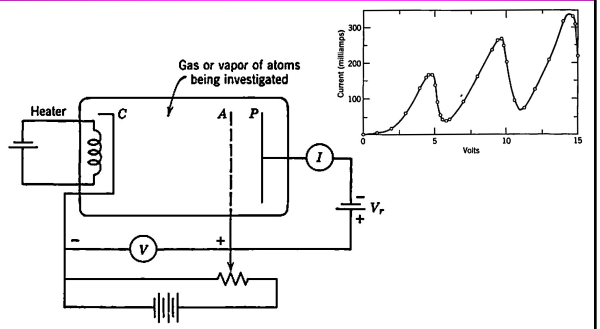
Franck and Hertz.
Looking for Atomic Energy Levels.



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ENOUGH FOR TODAY?

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