

Quantum Mechanics  
Physics 237

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Some beautiful KLM photos.  
Provided by Madeline Wolfs.



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Physics teaches you to solve problems!



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### The new 23-kg standard.



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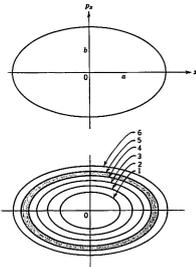
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### Application of Wilson and Sommerfeld Quantization rule

- Example of the application of the Wilson and Sommerfeld quantization rule.



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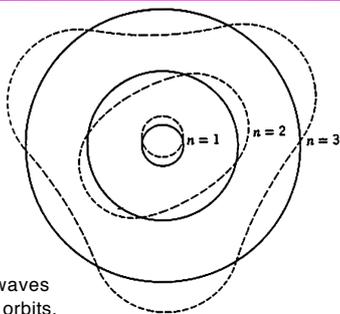
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### Geometrical interpretation of quantization rule.



De Broglie waves on the Bohr orbits.

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### 4 Minute 9 Second Intermission.

- Since paying attention for 1 hour and 15 minutes is hard when the topic is physics, let's take a 4 minute 9 second intermission.
- You can:
  - Stretch out.
  - Talk to your neighbors.
  - Ask me a quick question.
  - Enjoy the fantastic music.



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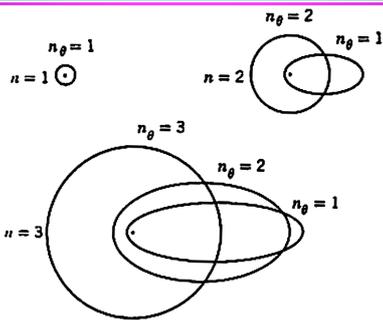
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### Hyperfine Splitting.



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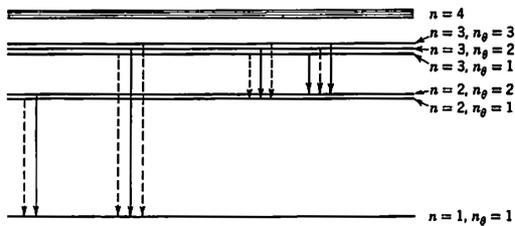
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### Hyperfine Splitting.



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**ENOUGH FOR TODAY?**

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