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**Prompt**

*Describe what you found most interesting in today's class*

**Reference Summary**

- unit cell direction drawing and indexing
- real world examples
- importance of cell direction on materials properties

**System Summary (Ilp Baseline)**

- drawing and indexing unit cell direction
- it was interesting to understand how to find apf and fd from last weeks class
- south pole explorers died due to properties of tin

**System Summary (Our Approach)**

- crystal structure directions
  - surprisingly i found nothing interesting today .
  - unit cell indexing
  - vectors in unit cells
  - unit cell drawing and indexing
  - the importance of cell direction on material properties
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