

Exercise 4.2-1

Quick Questions to

4.2 Other Semiconductor Crystal Growth Technologies

Here are some quick questions:

- Describe some problems encountered (and the solutions) when growing **III-V** single crystals.
- What are the incentives for trying to get **SiC** "to work"? Describe the specific problems encountered when growing **SiC** single crystals.
- Provide and describe major products not based on single crystal semiconductors.
- Explain the following abbreviations and give possible uses: **a-Si:H**, **μc-Si:H**, **CIGS**.