3.2 Silicon Production

3.2.1 Single Crystals and Wafers

- This is an easy subchapter because the major points concerning single crystalline Silicon production for microelectronics (and some other uses) - from making the raw (or metallurgical grade) **Si**, **poly-Si** for crystal growth, single crystals, and wafers - have been covered in the Hyperscript "*Electronic Materials*" and here we provide just a link to the starting chapter.
  - In what follows in the next subchapter, we will look briefly at methods to produce **Si** for applications other then microelectronics - which means mostly solar cells.
  - Link to starting chapter
  - Here is an overview of what can be found in " *Electronic Materials*" with direct access to all modules.
- What can you buy? Activating the link will tell.

Basics	Backbone I	Backbone II	Illustrations	Exercises	Advanced
Hyperscript: Electronic Materials					
6. Materials and Processes for Silicon Technology					
6.1 Silicon					
	r6_1_1 Silicon r6_1_2 Silicon crystals	r6_1_3 Other Silicon uses	i6_1_1 CZ crystal growth i6_1_2 Si crystal i6_1_3 Complete wafer process i6_1_4 Poly-Si Specs i6_1_5 Wafer Specs i6_1_6 Necking		t6_1_1 Alternative poly-Si productions t6_1_2 Crystal growth - science & art t6_1_3 FZ crystal growth t6_1_4 Biography Czochralski Article Historic review Si Article New developments Si crystals