

## TEXUS-29 EXPERIMENT (1992)

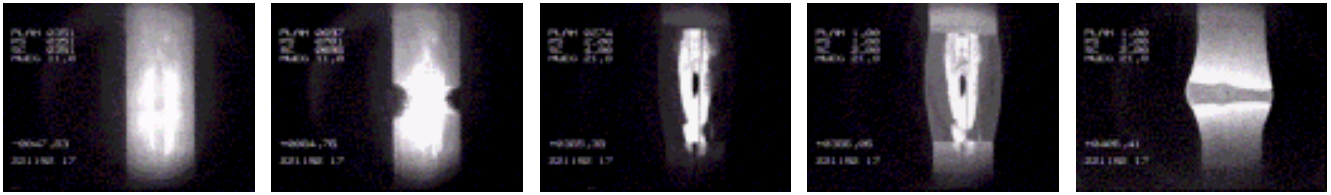


Fig. 1. Selected video-frames from a Texus-29 experiment on floating-zone crystal growth of silicon rod 8 mm in diameter inside a mirror furnace], to give an idea of the difficulties in visualisation. The first one shows the silicon rod still being heated to melt; on the second one a short molten zone has formed; on the third one a long floating zone (more than twice its diameter) is (hardly) seen; on the fourth one, the whole geometry is better seen just after switching off the furnace power (less than a second between both images); the last one shows a small liquid gap (perhaps only superficial) before all the silicon solidifies.

[References \(see Publications\).](#)