## Pictures to: 2.3 Swirl Defects in Si (Investigated in a HVTEM)

## Part 2

A large number of the A-swirl defects found hart ab extremely complex structure. There are explanations for this but some questions remain unanswered.

In the following I give several examples without much comment. Read the publications if you are interested. Note that not all dislocations

are shown due to contrast conditions. Faint lines including, on occasion a few "dots" (small precipitates) are likely to denote dislocations out of contrast.



Here we see how complex structures start out Loops become elongated and very long dipoles are pulled out of the center. Loops become elongated and very long dipoles are

pulled out of the center.





It's getting complicated. Where a dislocation reached the original surface, an etch pit develops.









Finally, some pictures, drawings and text about loop analysis straight out of my thesis





The important small details were already lost in these small micrographs intended for publication.



Here are the links to the rest

