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The simple discrete dislocation dynamics toolkit

For these few weeks I got acquainted with the SDDDST package and its nooks and crannies. I created several visualizations and extended the code to acquire the required output. I also analyzed log files and tested the code's integrity. Not forgetting to mention that I did this in half the amount of the planned time.

I also contacted my supervisor several times in person and in mail as well. My progress and results were clear for all the time being and I always asked when I got stuck.

I consider my initial goal - finishing early - successful and in general I consider this lab useful for those who weren't able to develop self discipline until now and to be capable of meeting due dates.

To conclude, I was enjoying doing this lab and I would happily recommend Gábor as supervisor for students who are going to work on this lab project in the future.

In the uploaded GitHub repository I have most of the notebooks that were used to create each individual plot and of course the updated and extended source code. Also there are some files that were generated during the process containing random dislocations and some pictures as well.

Dearest regards,

Alex Olar

GitHub repo: https://github.com/qbeer/sddst-project