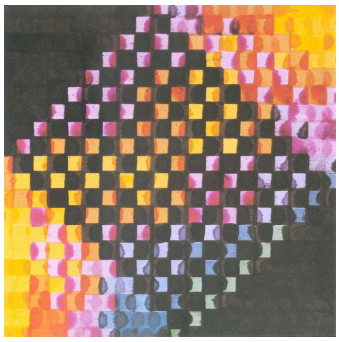

Algorithmic Thinking in Art, Design, Science

Frieder Nake

Summer Term 2018

Frame for Term Project (6 June 2018)

The outline for our course announced the following as the conditions for credit:

> You may gain 6 credit points from this seminar. The official module is "*media informatics*". You can collect those credit points by doing a *project*. The project will consist of these steps and parts:
>
> - Within a framing question, you propose your particular term project.
> - I comment on your proposal; you (perhaps) revise it, and we agree on the proposal.
> - You develop a piece of software that you bring up to the point of running smoothly.
> - You write an essay about your project.
> -

What is still missing for you to get going is the "framing question". It is time that I formulate it and communicate it to you. So here is your question:

> *Speaking of lines, what could it mean that they are "not straight"? Think about this simple question, give one answer, give several answers. Formulate your answer so precisely that it can become the starting point for an algorithm that generates non-straight lines. Use your solution for a sketch that is based on lines that are not straight.*

What do you have to do now?

- Write a proposal for your term project. A short text of half a page, a title, your name, date of submission as a pdf file sent to me by email. It must involve non-straight lines (until *12 June 2018*).
- Once you have received my comments (*17 June 2018*) and, perhaps, after revising the proposal, start working. We meet on *Monday, 9 July 2018, at 9 a.m.*, for presentations of your project's state and discussion. Your final result will be a *sketch* in Processing and an *essay*. The sketch must be executable and generate series of images. Its code must be well documented. The essay must give an answer to the framing question and must critically reflect on your sketch. It should be up to six pages in length. Submit both, sketch (pde) and essay (pdf), by *31 August 2018.*

Summer Term 2018 | 4 SWS | 6 ECTS | M.A. & M.Sc. Digital Media, Informatik | Module M-MI (Topics in) Media Informatics | VAK Uni 03-06-M-304 | Tuesday 8:00-12:00 in MZH 5210 | Starts 10 April 2016

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