
The Math Behind 3D Computer Graphics

Process Analysis

NAT501
Group 50a

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1 Process Analysis

The first week was spent talking loosely about what level we expected the final product and report to be at, and what strenghts each person in the group had, and to look up resources that might be useful later on. We also agreed to meet on average 3 times per week, coordinated at times where the gaps in our class schedule overlapped.

The second week we greatly narrowed down the scope and decided on what the practical application should be. We had a quick brainstorm session and got around 20 ideas for possible applications, then discussed the merits of each one in order to reach a commonly agreed upon choice: Tetris. Our supervisor, Rolf Fagerberg, agreed that the chosen application was well suited for the topic.

The next three weeks were spent reading and programming. We got the various parts of the Tetris application split amongst those of the group that could program, and otherwise spent a lot of time reading through all the resources we found in the first weeks. At the end of the fifth week we had a functional 3D Tetris game and a much better understanding of the mathematics behind it.

The last two weeks were spent primarily writing the report. We split topics amongst the group and met often to coordinate and read through eachother's parts and agree on common L^AT_EX formatting.

1.1 Process analysis conclusion

Overall, the group dynamic was good. There were no major disagreements; we eventually agreed on everything, so we never had to invoke the majority clause of our group contract.

Considering we have spent the last many days almost only correcting eachothers phrasings and grammatical mysteries, we probably should have started writing a little earlier. We pity those that were still writing the meat of their reports in the last week.