

Methods of reduction polygons while maintaining features

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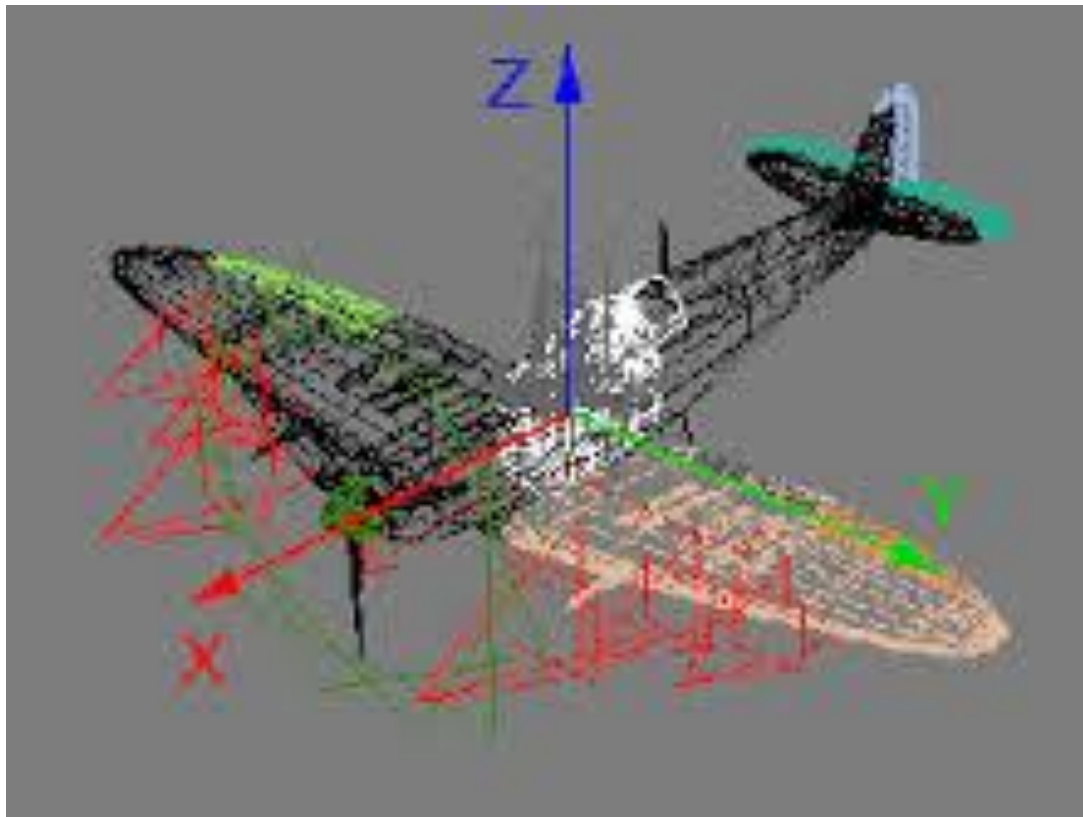
Ural Federal University
named after the first President of Russia B.N. Yeltsin

Scientific supervisor: lecturer of chair of Computer
Science and Control,
Averbukh V.L, PhD

Yekaterinburg 2015.

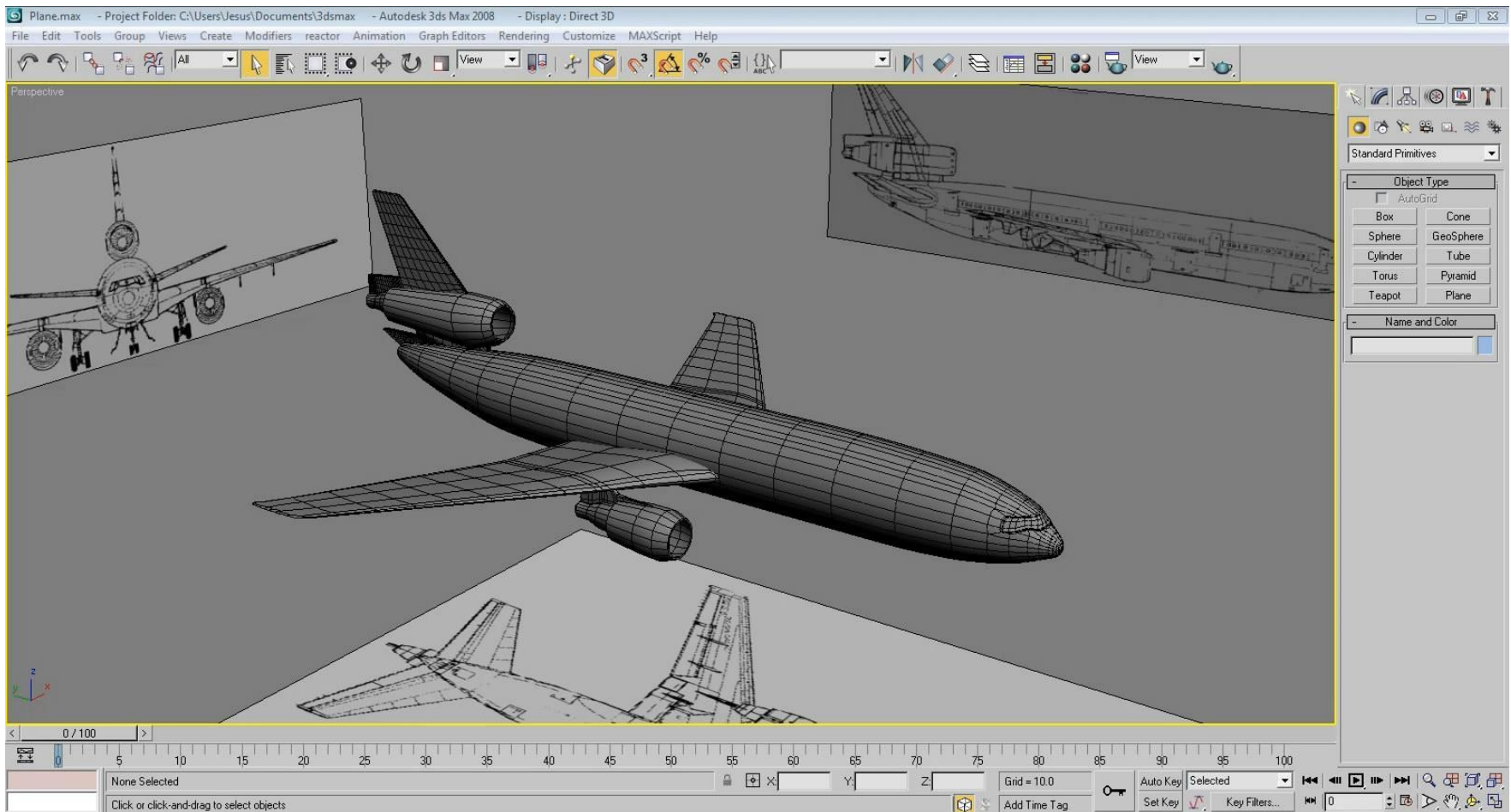
Object of study

Highly detailed 3D model

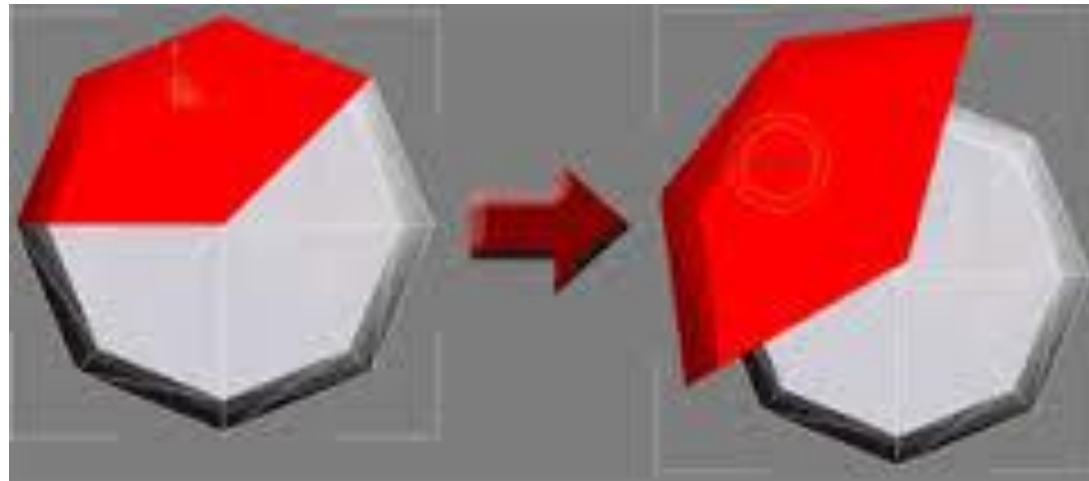


Preparation of highly detailed models

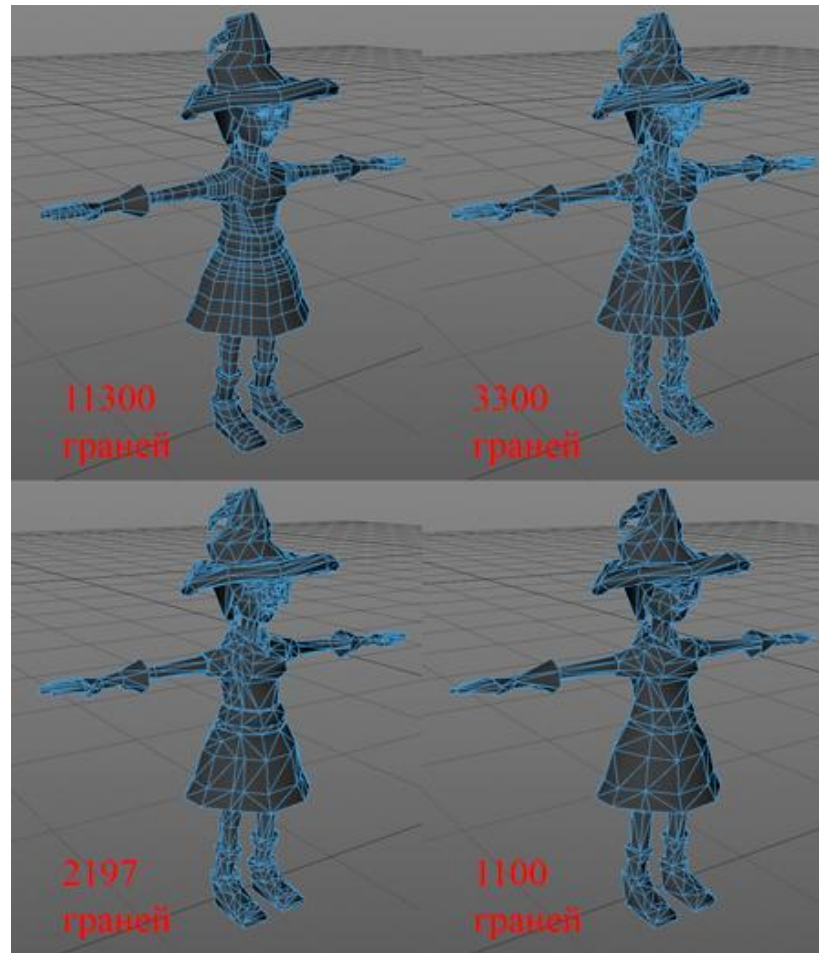
The first stage:



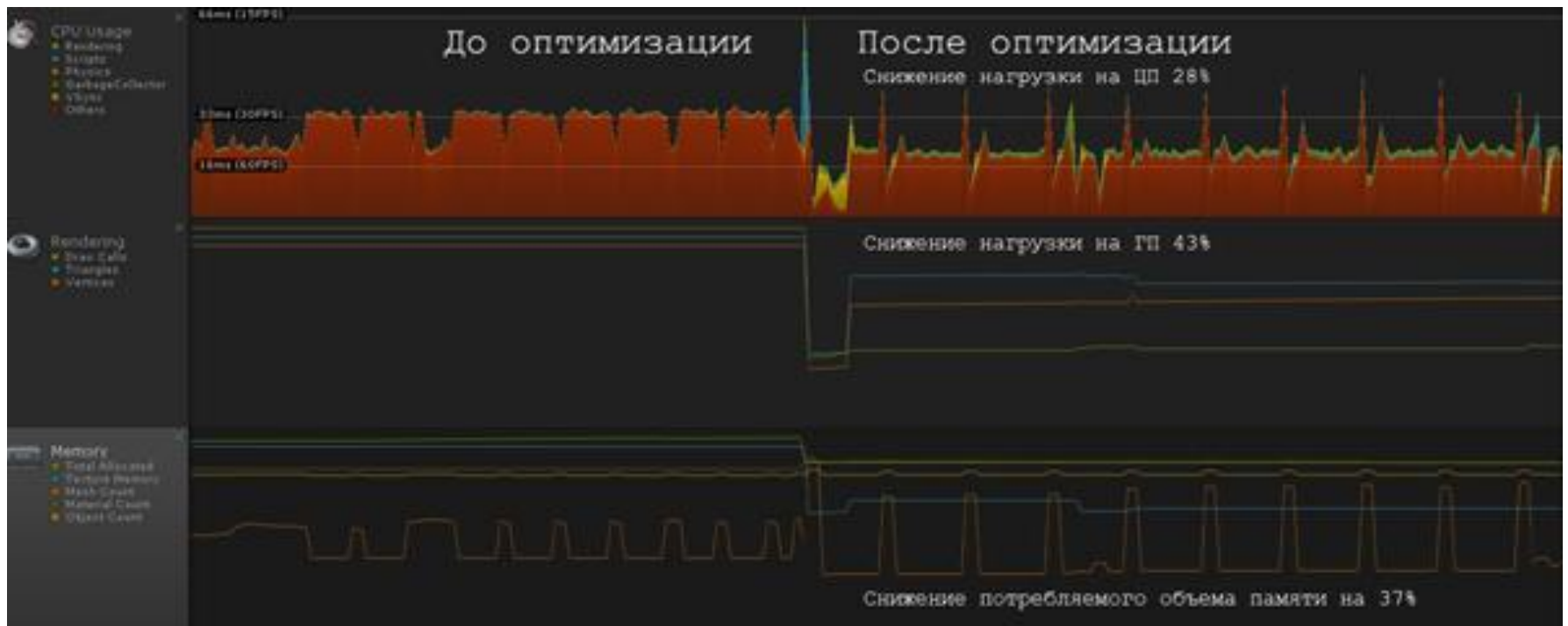
Reduction polygons



Example of reduction



The result of the reduction



Conclusion

The aim of the current research in the framework of 3D modeling, which is very popular, is to facilitate the lives of people by providing a useful tool to help process information.