

# Methods of reduction polygons while maintaining features

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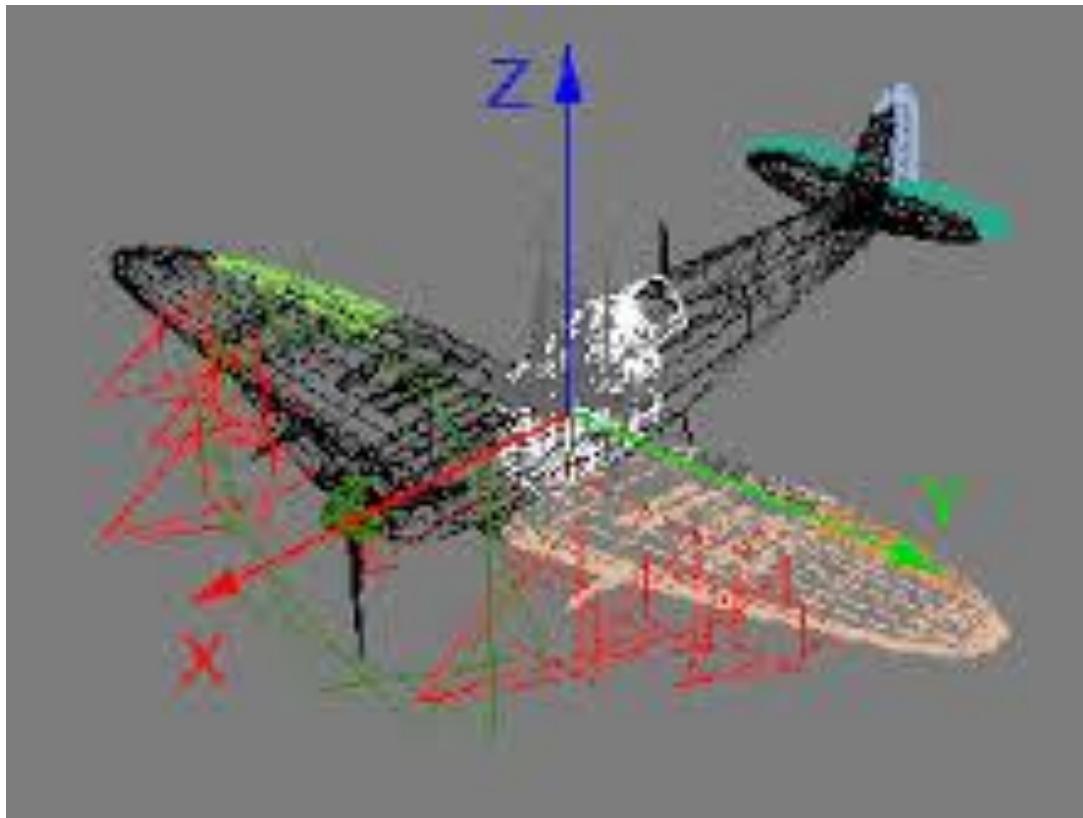
Ural Federal University  
named after the first President of Russia B.N. Yeltsin

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

Yekaterinburg 2015.

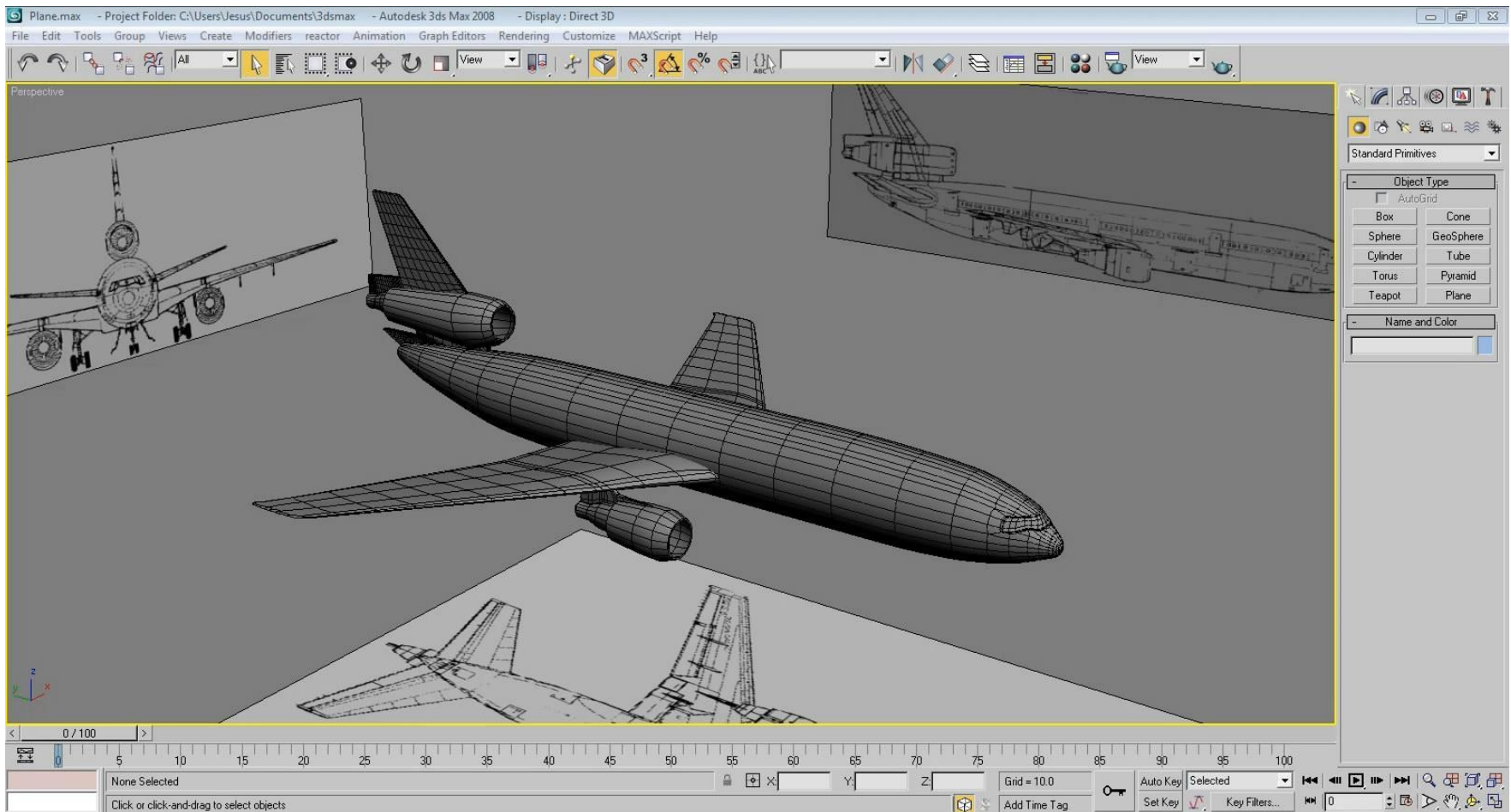
# Object of study

Highly detailed 3D model

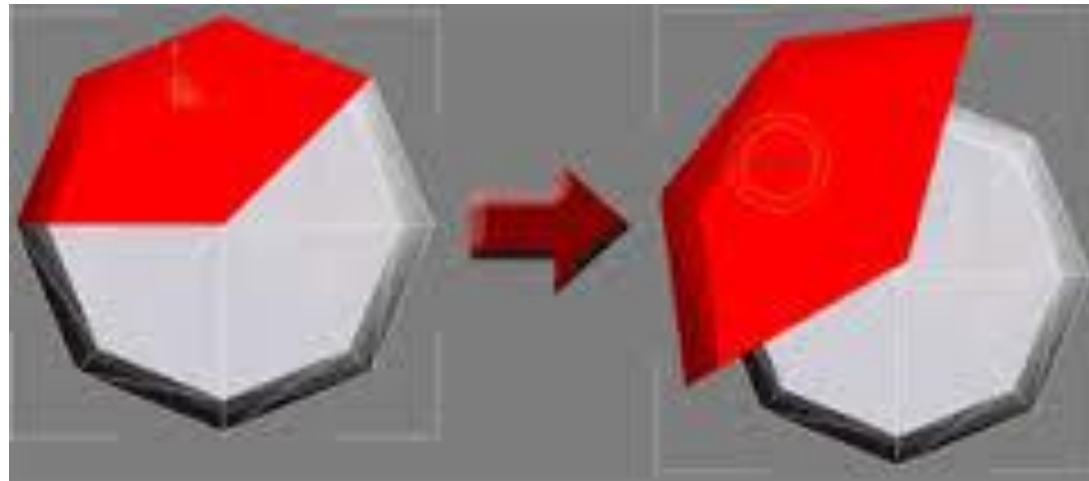


# Preparation of highly detailed models

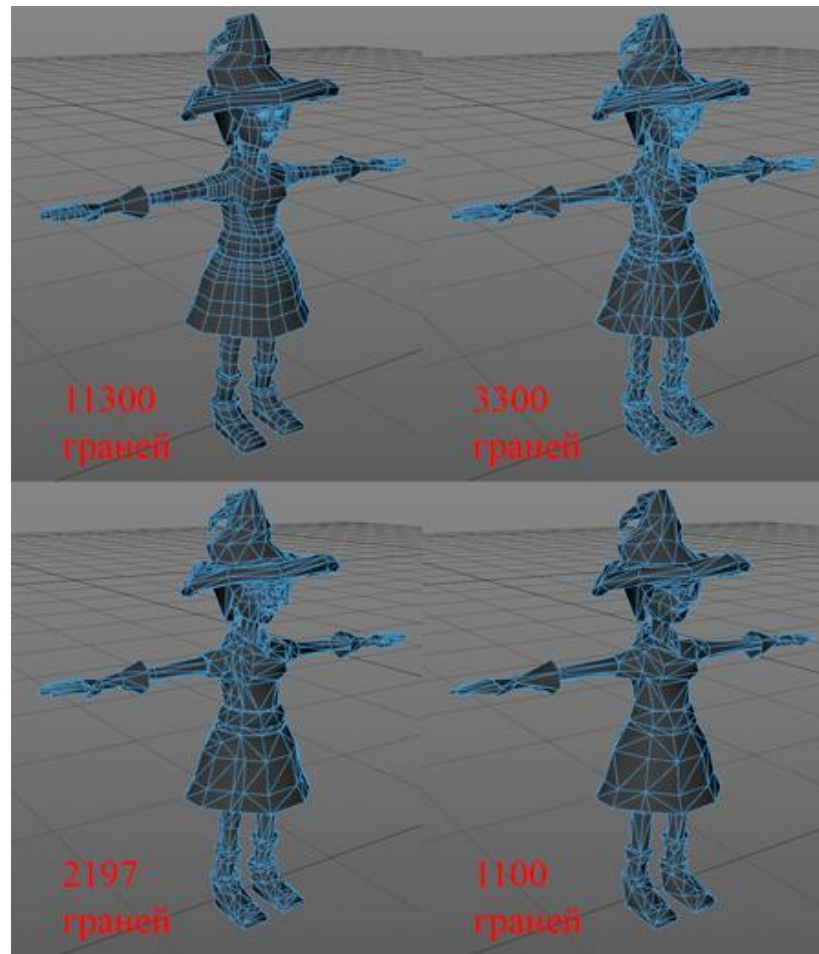
The first stage:



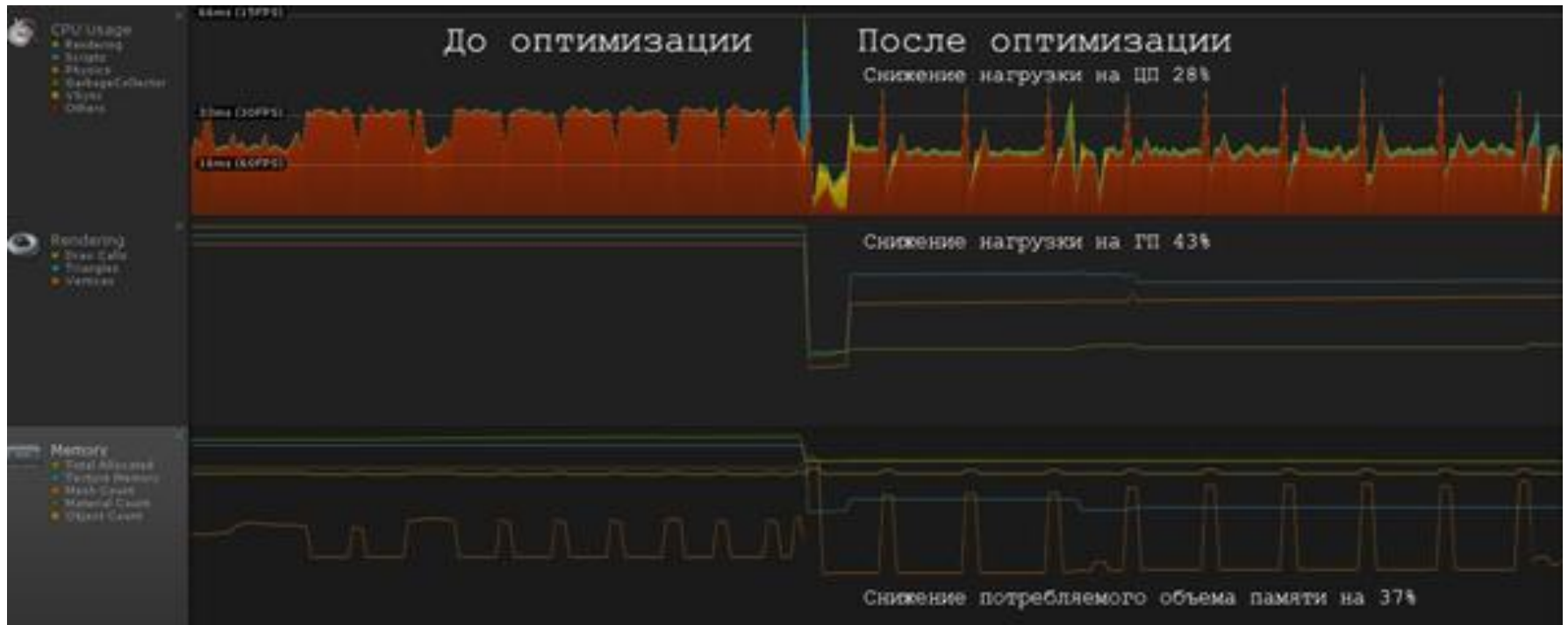
# Reduction polygons



# 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.