

Reply to Professor Johannes Wallner's review of the doctoral thesis „New methods in computer aided modeling of curves and surfaces”

Above all, I would like to express my sincere gratitude to Professor Wallner for careful reading and review of the thesis.

As Professor Wallner has correctly pointed out in his review, results of this thesis work are based on peer-reviewed papers published in the last 15 years. During these years the - evidently anonymous - reviewers continuously provided valuable suggestions, leading to significant improvements and corrections, without which these results and the thesis itself would have not been going to press.

But there is also a preceding step here, when one can obtain inspiration, ideas and instructions from colleagues' works, and in this sense thanks are also due to Austrian geometers, with whom I have had several fruitful conversations and scientific collaborations.

I totally agree with Professor Wallner in his view of the main outcomes, difficulties and classification of the contributions of this thesis. The description of the results, chapter by chapter, from knot modification (chapter 1) through generalized spline curves (chapter 2) to non-control-point-based methods (chapter 3) perfectly summarizes the achievements I have tried to describe in this thesis.

Again, I grateful to Professor Wallner for his positive review and his confidence that the thesis is eligible for public debate.

Eger, January 24, 2015

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