

13 April 2022

Chair

The Academic Council of Mathematics & Computer and Information Sciences University of Warsaw Warsaw, Poland

Dear Prof. Andrzej Tarlecki,

As requested, I have reevaluated the revised thesis "Limits of saturated ideals of points with applications to secant varieties" written by Mr. Tomasz Mańdziuk under the supervision of Dr. Jarosław Buczyński and Dr. Joachim Jelisiejew. I deem the revised thesis as sufficient to grant a PhD.

Broadly speaking, this thesis examines the geometry of zero-dimensional schemes. I am reasonably convinced that the results are correct and new in a nontrivial sense. I also think that the work does solve existing problems of reasonable importance and it should appeal to an appreciable subset of the mathematical research community. I believe that this mathematical work meets or exceeds the essential requirements for a PhD dissertation in the mathematical sciences.

Sincerely,

SugSmith

Gregory G. Smith Professor