

Thesis Changes Log

Name of Candidate: Dmitry Ulyanov

PhD Program: Computational and Data Science and Engineering

Title of Thesis: Image Generation using Convolutional Neural Networks

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Co-advisor: Prof. Andrea Vedaldi, University of Oxford

Date of Thesis Defense: 11 December 2019

The thesis document includes the following changes in answer to the external review process.

Dear Reviewers,

I would like to thank you for the useful comments which were invaluable in improving the thesis. I also consider all the comments in my future research. Below please find the responses.

Yours sincerely,
Dmitry Ulyanov

Reviewer: Prof. Andrzej Cichocki

Comment 1: *“In the Bibliography I could not find references to many very related papers published in 2019. So it would be great if the Author could add closely related references published recently.”*

Response 1: We have extended related work section from Deep Image Prior chapter with relevant works published in 2018 – 2019.

Comment 2: *“Moreover, the Author compare most of his algorithm only in qualitative way (just by visualization of large number of images) without providing any quantitative measure or indexes.”*

Response 1: We revised the conclusion section with future research directions.

All Reviewers:

All reviewers questioned the structure of the thesis as a collection of papers.

Response 1: Indeed, we chose this format and focus on a solid introduction and conclusion connecting the works together.