

UKRAINIAN CATHOLIC UNIVERSITY

MASTER THESIS

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# Corner localization and camera calibration from imaged lattices

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*A thesis submitted in fulfillment of the requirements  
for the degree of Master of Science*

*in the*

Department of Computer Sciences  
Faculty of Applied Sciences



Lviv 2022

## Declaration of Authorship

I, Andrii STADNIK, declare that this thesis titled, “Corner localization and camera calibration from imaged lattices” and the work presented in it are my own. I confirm that:

- This work was done wholly or mainly while in candidature for a research degree at this University.
- Where any part of this thesis has previously been submitted for a degree or any other qualification at this University or any other institution, this has been clearly stated.
- Where I have consulted the published work of others, this is always clearly attributed.
- Where I have quoted from the work of others, the source is always given. With the exception of such quotations, this thesis is entirely my own work.
- I have acknowledged all main sources of help.
- Where the thesis is based on work done by myself jointly with others, I have made clear exactly what was done by others and what I have contributed myself.

Signed:

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Date:

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*“Thanks to my solid academic training, today I can write hundreds of words on virtually any topic without possessing a shred of information, which is how I got a good job in journalism.”*

Dave Barry

UKRAINIAN CATHOLIC UNIVERSITY

Faculty of Applied Sciences

Master of Science

**Corner localization and camera calibration from imaged lattices**

by Andrii STADNIK

## *Abstract*

The Thesis Abstract is written here (and usually kept to just this page). The page is kept centered vertically so can expand into the blank space above the title too...

## *Acknowledgements*

The acknowledgments and the people to thank go here, don't forget to include your project advisor. . .

If you was supported with the scholarship, please thank to your donor organization or a person who supported you.

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*For/Dedicated to/To my...*



# Todo list

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## **Chapter 1**

# **Introduction**

### **1.1 History**

Something on the topic