

COMPSCI 527 Homework 6

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December 5, 2015

1 Introduction

Our goal in this paper is to investigate the following questions:

First, which types of error fail first when enough noise is added for the shape to be unrecognizable?

Second, what happens when we change the image resolution but keep `sigma` fixed?

2 Progression of failure with increasing levels of noise

3 Effects of modifying image resolution

4 Conclusion