

SUPER-RESOLUTION OFF THE GRID

EPFL - SEMESTER PROJECT IN COMPUTER SCIENCE

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ABSTRACT

Super-Resolution is the tool that allows us to upgrade the quality of images. The goal of this project is to study a recent paper on super-resolution and discuss the main algorithm in order to eventually find an improvement using information theoretical bounds.

66	In theory, theory and practice are the same. In practice, they are not.	"
	Albert Einstein	

INTRODUCTION

MATHEMATICAL REFRESHER

RESULTS AND DISCUSSION

IMPROVEMENT

CONCLUSION