



UNIVERSITÀ DEGLI STUDI DI PADOVA

SCHOOL OF ENGINEERING DEPARTMENT OF INFORMATION
ENGINEERING

MASTER DEGREE IN COMPUTER ENGINEERING

Example of a Title

Example of a Subtitle

Supervisor:

Example Supervisor

Candidates:

Zanella Matteo

Abstract

This is an example of an abstract.

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Chapter 1

Introduction

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1.1.1 Subesction 1.1.1

Write something here...

1.2 Something else

Chapter 2

Bibliography

2.1 Articles

1. **Intra Coding of the HEVC Standard**

Jani Lainema, Frank Bossen, Member, IEEE, Woo-Jin Han, Member, IEEE, Junghye Min, and Kemal Ugur

2. **Overview of the Versatile Video Coding (VVC) Standard and Its Applications**

Benjamin Bross, Member, IEEE, Ye-Kui Wang, Yan Ye, Senior Member, IEEE, Shan Liu, Senior Member, IEEE, Jianle Chen, Senior Member, IEEE, Gary J. Sullivan, Fellow, IEEE, and Jens-Rainer Ohm, Member, IEEE

3. **Cisco white paper (2018-2023)**

4. G. Bjontegaard, **Calculation of average PSNR differences between RD-curves (VCEG-M33)** S. Pateux, J. Jung, An excel add-in for computing Bjontegaard metric and its evolution

5. X. Shang et al. **Color-Sensitivity-Based Combined PSNR for Objective Video Quality Assessment**

2.2 Web

[1] **Patch vvc**: <https://github.com/fraunhoferhhi/vvenc/wiki/FFmpeg-Integration>

[2] **Dataset**: <https://media.xiph.org/video/derf>

[3] **Suggested internet bandwidth (Netflix)**: <https://help.netflix.com/en/node/306>

[4] **Bjontegaard metric (Python)**: <https://pypi.org/project/bjontegaard/>