

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light greenish-blue. They are positioned diagonally, with the blue one partially covering the green one.

# Image Super-Resolution using Deep Convolutional Networks

Aluno: Eduardo Brasil Araujo

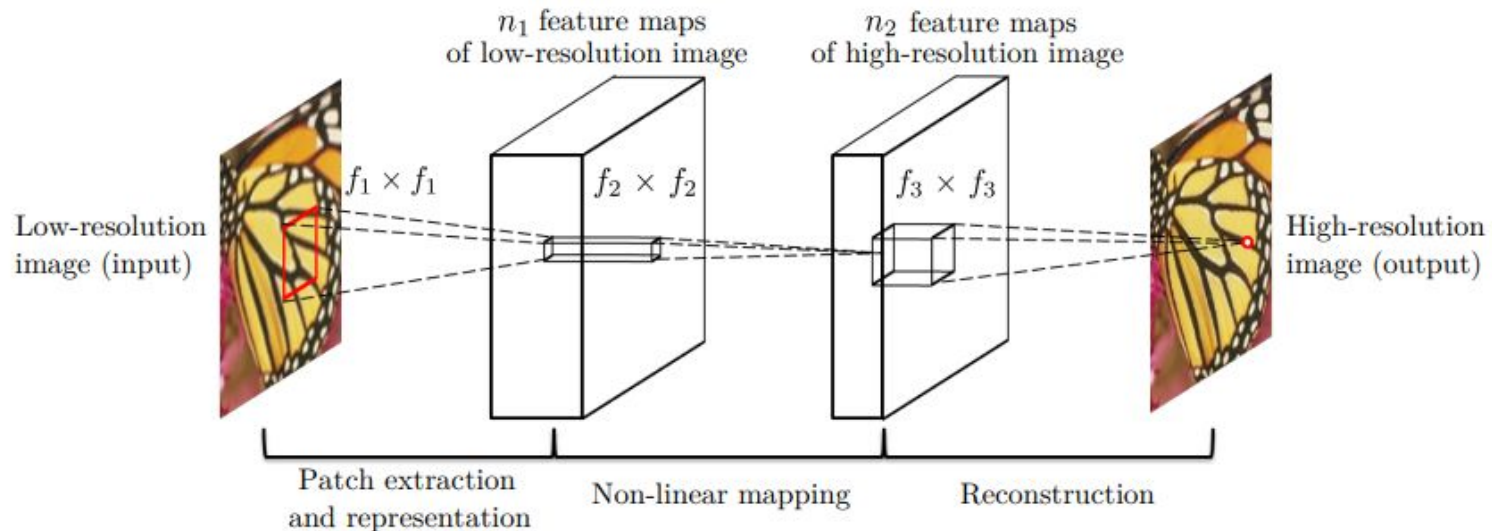


## Por que escolhi o paper?

- Sempre fui interessado nisso
- Inspirado pelos filmes
- Curiosidade de como isso é feito

# O que o paper quer fazer?

Super-resolução utilizando redes convolucionais



# A Statistical Prediction Model Based on Sparse Representations for Single Image Super-Resolution

Tomer Peleg; Michael Elad

# Learning Temporal Coherence via Self-Supervision for GAN-based Video Generation

MENGYU CHU\*,  
YOU XIE\*, JONAS  
MAYER, LAURA  
LEAL-TAIXÉ, and NILS  
THUEREY

## RAISR: Rapid and Accurate Image Super Resolution

RAISR: Rapid and Accurate Image  
Super Resolution

Yaniv Romano, John Isidoro, and  
Peyman Milanfar



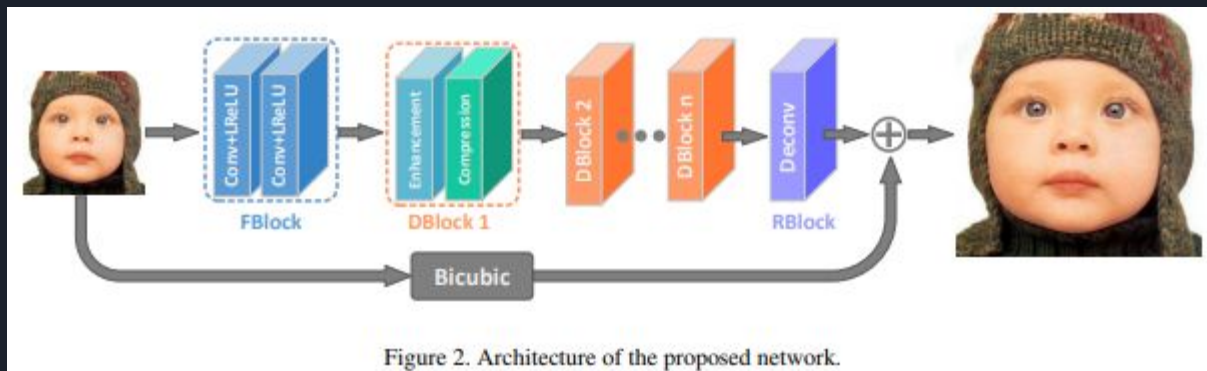
# Como pretendo replicar o projeto

- [Link do Github](#)
- Irei fazer a implementação em Pytorch
- Também irei treinar a rede eu mesmo

# Possível modificação que será feita

Fast and Accurate Single Image  
Super-Resolution via Information  
Distillation Network

- 2018





# Muito obrigado!

- Link da apresentação: <https://github.com/ghastcmd/dip/tree/main/presentations>
- Link do Github: <https://github.com/ghastcmd/dip>