

Image Enhancement(Filtering Effect)

Image Enhancement (Filtering Efferct) Intellectual Property (IP).

Description

The Filtering Effect is to apply the algorithms of image enhancement or filtering with pattern masks. That is Embossing, Sketch, Sharpening, and Smoothing effect

Emboss : Applying a pattern mask which makes boundary(one side emphasis/ the other side weakness).

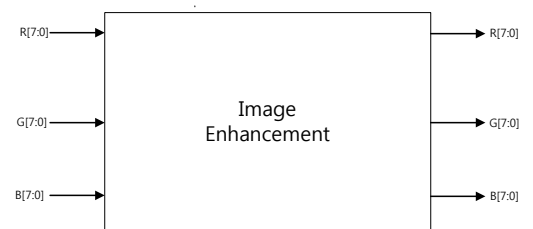
Sketch : Applying a pattern mask which emphasizes own boundary

Sharp : Applying a pattern mask which makes an image sharp.

Smooth : Applying a pattern mask which makes an image smooth.

Features

- Consists of the internal metrics
- Almost real-time conversion



Application area	: Wide range of video/image applications
Available documents	: Data Book
Design file formats	: EDIF File Format , VHDL/Verilog Code
Verification	: Verilog Testbench
Simulation tool used	: Model Technology ModelSim™ 6.4