

ABSTRACT

Contrast enhancement of radiographies based on a multiscale decomposition of the image recently has proven to be a far more versatile and efficient method than regular unsharp-masking techniques, where the image is split up into two or three frequency channels. The edge image is then amplified and added again to the corresponding low-pass filter. Clearly, this provides no access to structures of intermediate sizes. Therefore, various multiscale methods have been proposed recently, where the image is split up into a larger number of frequency channels, which can then be processed separately.

To fulfill that necessity, in this final exam will compare the performance using Fourier Transform and Fast Wavelet Transform methods

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