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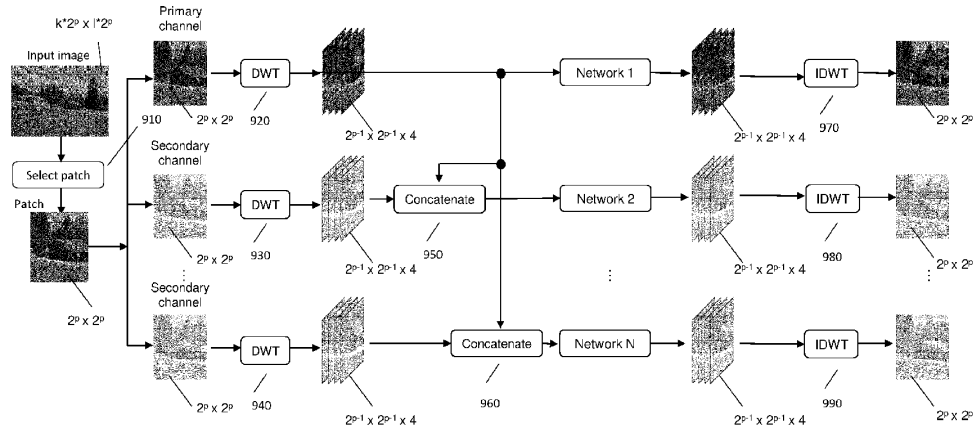


Fig. 9

(57) Abstract: The present disclosure relates to image modification such as an image enhancement wherein the processing is at least partially based on neural networks. In particular, the image modification includes a multi-channel processing in which a primary channel is processed separately and secondary channels are processed based on the processed primary channel. The primary channel is processed based on a first spatial frequency transform (920) to obtain a transformed primary channel and the secondary channel is processed based on a second spatial frequency transform (930, 940) to obtain a transformed secondary channel. The transformed primary channel is processed by means of a first neural network to obtain a modified transformed primary channel and the transformed secondary channel is processed based on the transformed primary channel by means of a second neural network to obtain a modified transformed secondary channel.

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