

IMAGE PROCESSING USING VARIOUS FILTERS

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ABSTRACT

Filtering is a technique used for modifying or enhancing an image like highlight certain features or remove other features. Image filtering include smoothing, sharpening, and edge enhancement. In image processing filters are mainly used to suppress either the high frequencies in the image, i.e. smoothing the image, or the low frequencies, i.e. enhancing or detecting edges in the image. An image can be filtered either in the frequency or in the spatial domain.

REFERENCES

- 1) <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9453068>
- 2) <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=628537>