

Definition:

- An image texture is a set of metrics calculated in image processing designed to quantify the perceived texture of an image

- Image Texture gives us information about the spatial arrangement of color or intensities in an image or selected region of an image.

- Texture can be defined as an entity consisting of mutually related pixels

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- Texture is the visual feel of a surface—what you see evokes what the surface might feel like if you touched it

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Texture Analysis:

- Image textures can be artificially created or found in natural scenes captured in an image.
- Since the repetitive local arrangement of intensity determines the texture, we have to analyze neighborhoods of pixels to measure texture properties.
- Because texture has so many different dimensions no single method of texture representation that is adequate for a variety of textures.