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As we can we see for the first sample image contrast is high and the noise is high when there is sudden change in the pixel intensities.

But in the second sample image we can see that the image is clearer with less noise, but the lighting of the image is decreased.

In the third image the noise is quite low but cannot be ignored. White spots are visible at the boundary.

In the last image noise is very high compared to other sample images and can be visible clearly at the boundaries.

By keeping lambda value = 0.7, we are getting optimized shadow images for all the sample images

Original Image:

Shadowed Image(part1.11):

Grayscale Image(part1.12):

Original Image:

Shadowed Image(part1.11):

Grayscale Image(part1.12):

Original Image:

Shadowed Image(part1.11):

Grayscale Image(part1.12):

Original Image:

Shadowed Image(part1.11):

Grayscale Image(part1.12):