**Peak Signal Noise Ratio**

Equation :

mse =

if mse=0:

return 100

= 255.0

return

|  |  |
| --- | --- |
| Technique Used | PSNR Value |
| exposure.equalize\_hist() | 30.86858410501922 |
| rank.equalize(img, selem=disk(30)) | 7.331858860912288 |
| exposure.adjust\_gamma(img,2) | 31.91187931945491 |
| exposure.adjust\_log(img, 1) | 31.08993224429178 |
| Contrast streching | 30.86858410501922 |
| exposure.equalize\_hist | 7.331858860912288 |
| exposure.equalize\_adapthist | 7.318330636950744 |
| Image with noise | -7.189858700200741 |
| Image plus constant | -7.189858700200741 |
| Percentile mean | 7.390422546846739 |
| Bilateral mean | 7.3687250607247226 |
| Local mean | 7.3687250607247226 |
| orig\_phantom | 7.3247644201543345 |
| Erosion | 7.8863732218541625 |
| Dilation | 6.773016740630289 |
| Opening | 7.63589473619347 |
| Closing | 7.034627052504212 |
| White Tophat | 35.5046424467232 |
| Black Tophat | 35.61229525459372 |
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