































































| Speckle Noise | Local St | tatistics Linear Filte | r Cesa |
|------------------------------------------------------------------------------|------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| | Î | $(x,r) = E\{I(x,r)\} + b(I(x,r) - E\{I(x,r)\})$ | |
| $\operatorname{var}(I) >> E^2\{I\} \Longrightarrow b \to 1$ | | ultiplicative noise model can not explain data variability | |
| $\operatorname{var}(I) \approx E^2 \{I\} \sigma_n^2 \Longrightarrow b \to 0$ | | ultiplicative noise model can explain data variability | |
| Original SAR inten | sity image | Filtered SAR intensity image Lee Filter | Filtered SAR intensity image Boxcar Filter |
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