Analysing the Spectral Content of MOSES Images Using Cross Correlation

Jake Parker

July 22nd, 2015

Cross Correlation

Continuous Definition

- $(f \otimes g)(z) \equiv \int_{-\infty}^{\infty} f^*(x)g(x+z)dx$
- $(f \otimes g)(z) \equiv \mathcal{F}^{-1}\{\tilde{f}^*(k)\tilde{g}(k)\}$

Finite Definition

-