Default Models

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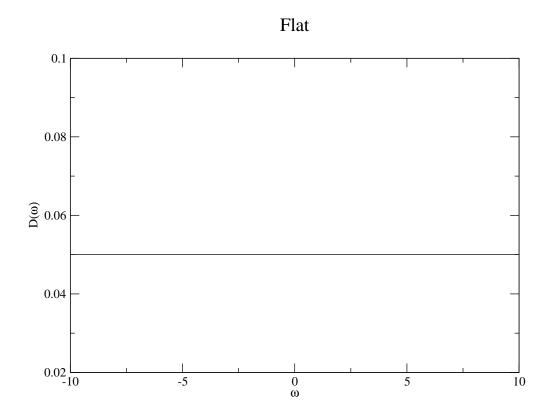
Abstract

The Maxent method uses entropy S of a spectral function $A(\omega)$, defined with respect to an underlying default model $D(\omega)$ such that $S=-\int d\omega A(\omega) \ln \frac{A(\omega)}{D(\omega)}$. This document provides several plots of available default models for use in the Maxent program.

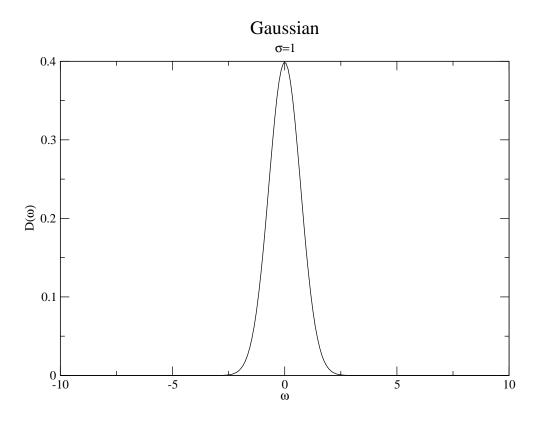
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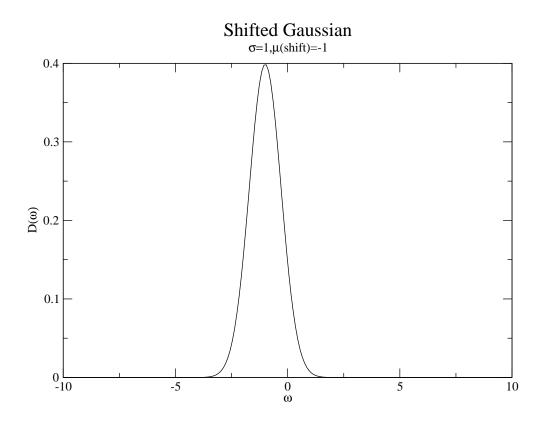
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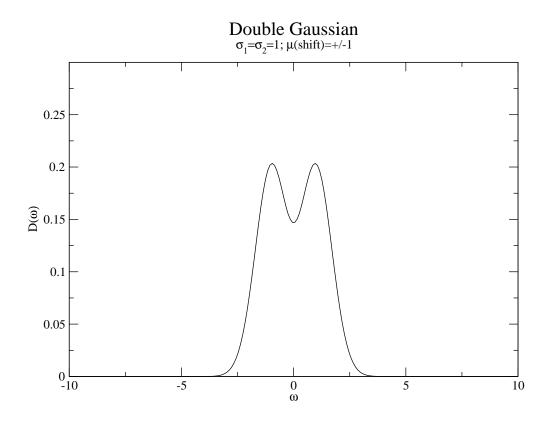
Part I Flat

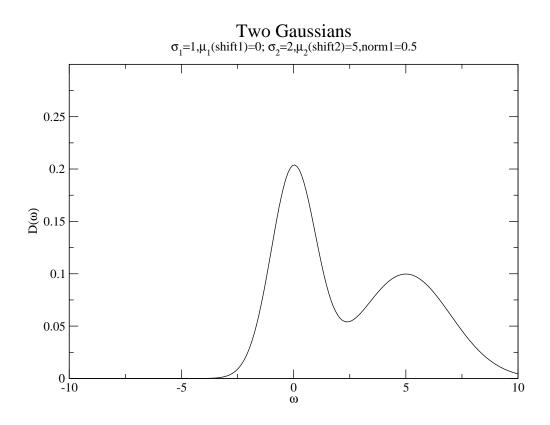


Part II Gaussian

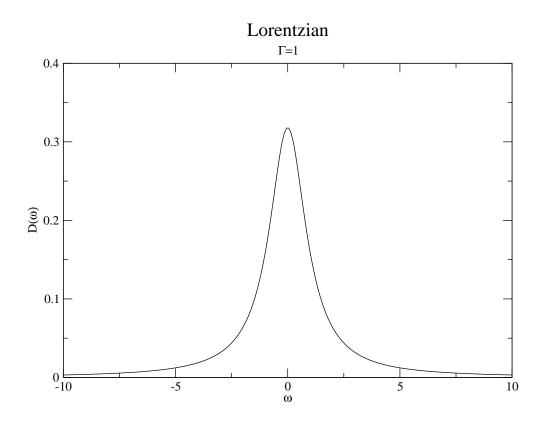








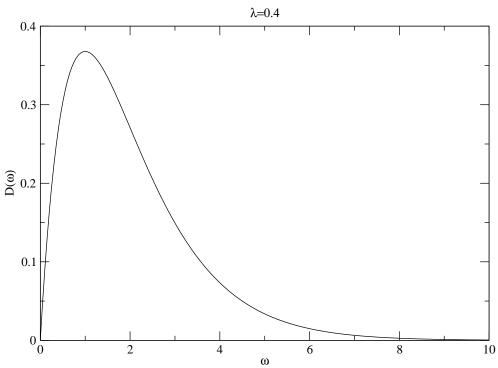
Part III Lorentzian



See Gaussian for similar models

 $\begin{array}{c} {\rm Part\ IV} \\ {\rm (Linear/Quadratic)\ Exponential\ Decay} \end{array}$

Linear Rise Exponential Decay



Quadratic Rise Exponential Decay

