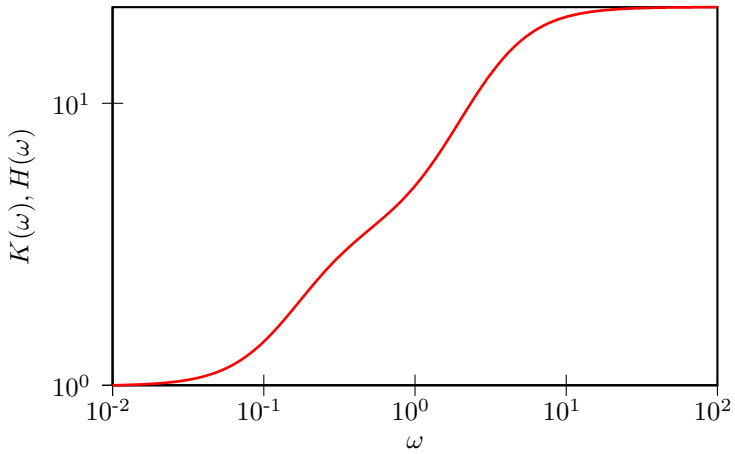
Generalized Langevin Equation analytics

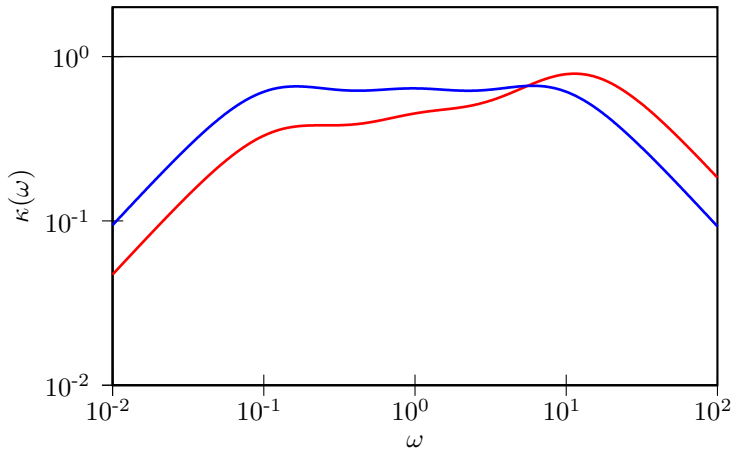
- **Drift matrix $\mathbf{A}_p$:**

$$\begin{pmatrix} 9.3090\times10^{+00} & 4.2783\times10^{-02} & 6.6421\times10^{+00} \\ 7.2593\times10^{-01} & 1.9817\times10^{-01} & 2.9934\times10^{-01} \\ 3.7658\times10^{+00} & -2.9934\times10^{-01} & 3.2111\times10^{+00} \end{pmatrix}$$

- **Fluctuation-Dissipation theorem is enforced, $\mathbf{C}_p = k_B T$**
- **Memory kernel FT, $K(\omega)/K(0) = H(\omega)/H(0)$**



- **Sampling efficiency, for q^2 and $p^2 + \omega^2 q^2$:**



- **Free-particle diffusion coeff. (mD/k_BT):** $2.3692 \times 10^{+00}$