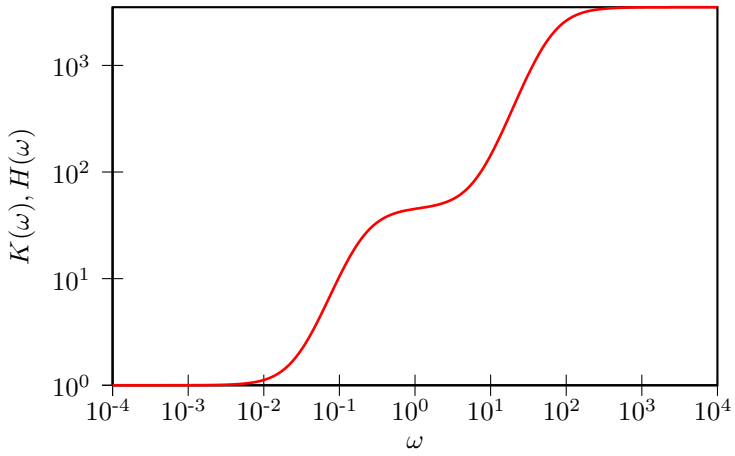
Generalized Langevin Equation analytics

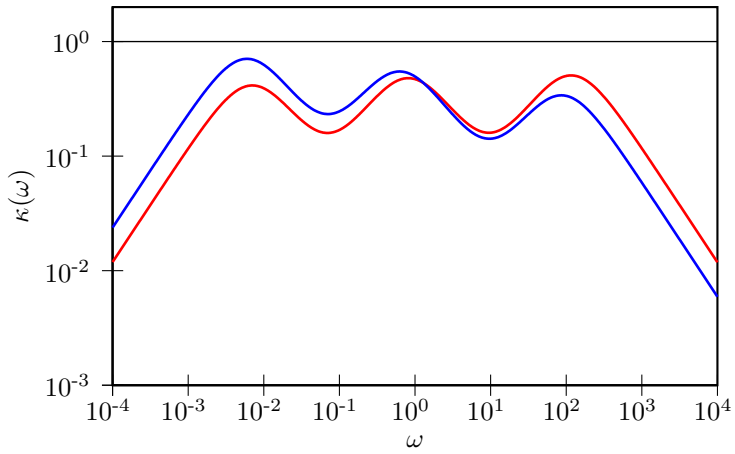
- **Drift matrix $\mathbf{A}_p$:**

$$\begin{pmatrix} 5.9181\times10^{+01} & 6.5644\times10^{+01} & 3.3776\times10^{+00} \\ 5.2367\times10^{+01} & 5.8847\times10^{+01} & 3.3654\times10^{+00} \\ -3.3776\times10^{+00} & -3.3654\times10^{+00} & 9.1657\times10^{-11} \end{pmatrix}$$

- **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. ($mD/k_B T$):** $5.9373 \times 10^{+01}$