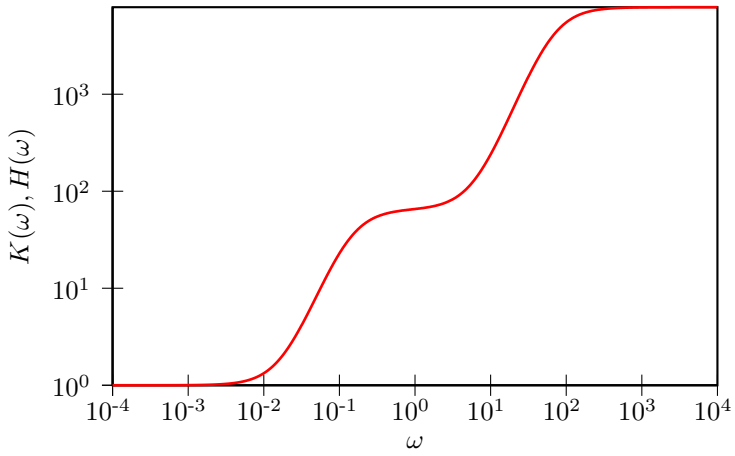
Generalized Langevin Equation analytics

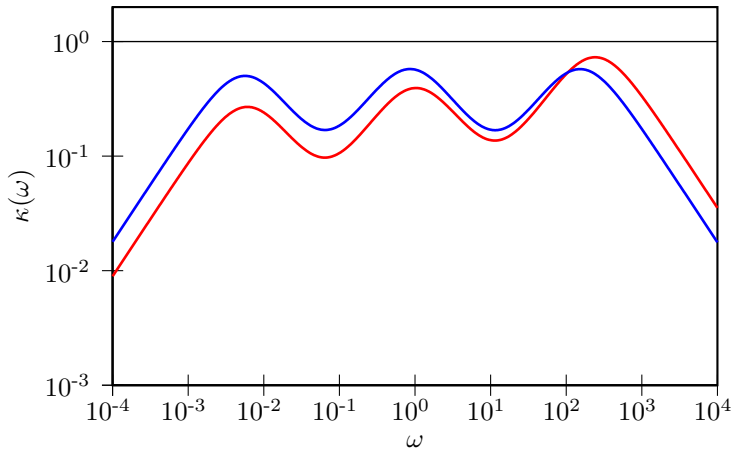
- **Drift matrix $\mathbf{A}_p$:**

$$\begin{pmatrix} 1.7653\times10^{+02} & -1.3667\times10^{+00} & 1.1017\times10^{+02} \\ 2.1786\times10^{+00} & 1.2132\times10^{-01} & 1.0793\times10^{+00} \\ 1.0522\times10^{+02} & -1.0793\times10^{+00} & 6.6207\times10^{+01} \end{pmatrix}$$

- **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. ($mD/k_B T$):** $4.4669 \times 10^{+01}$