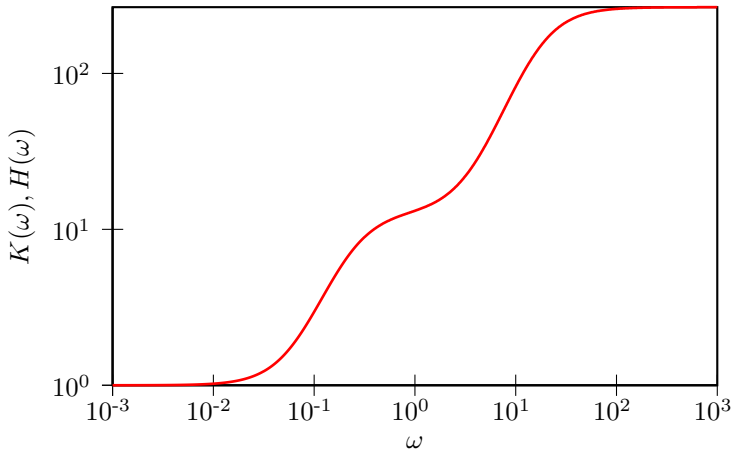
Generalized Langevin Equation analytics

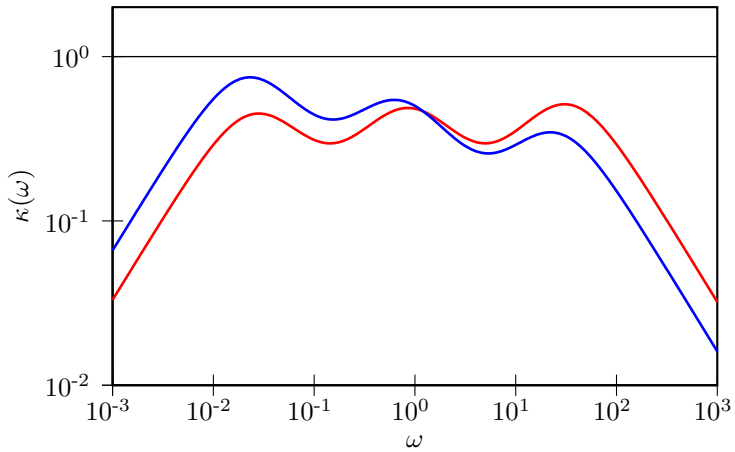
- **Drift matrix $\mathbf{A}_p$:**

$$\begin{pmatrix} 1.6067\times10^{+01} & 3.5175\times10^{-01} & 1.5923\times10^{+01} \\ 4.5104\times10^{-01} & 2.2455\times10^{-01} & 1.0505\times10^{-02} \\ 1.5612\times10^{+01} & -1.0505\times10^{-02} & 1.6252\times10^{+01} \end{pmatrix}$$

- **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. ($mD/k_B T$):** $1.6555 \times 10^{+01}$