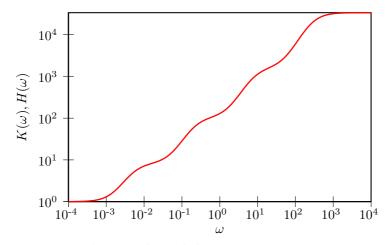
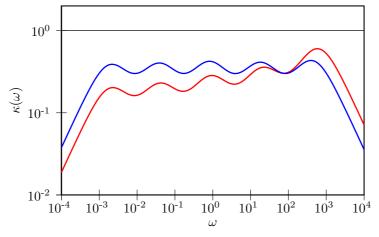
GENERALIZED LANGEVIN EQUATION ANALYTICS

• Drift matrix A_p :

- 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) : $9.4577 \times 10^{+01}$