Goldilocks Gate
$$G(p(au_f) - p_0(a))$$

Kernel interactions
$$w(au_f) = G(p(au_f) - p_0(a)) \, e^{-\lambda au_f}$$

 $\mathcal{D}_{\mathsf{sens}}[
ho(t)]$

 $\mathcal{D}_{\mathsf{mem}}[
ho(t)]$

Toy-model derivation

 $\mathcal{D}_{ ext{future}}[
ho(t)]$