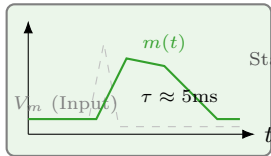


A. Ci-VSP Sensor Kinetics



Input: Membrane Voltage
(Biology)

B. Nonlinear Coupling

State Probability

Eq. (2)

$$\beta_{\text{NL}}(t) = \beta_0 + \eta \cdot \mathbf{m}(\mathbf{t})$$

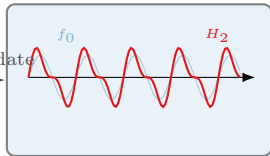
Variable Elasticity

Parameter Update

Eq. (1)

Transduction Interface
(Nanotechnology)

C. Acoustic Modulation



Output: Harmonic Backscatter
(Physics)