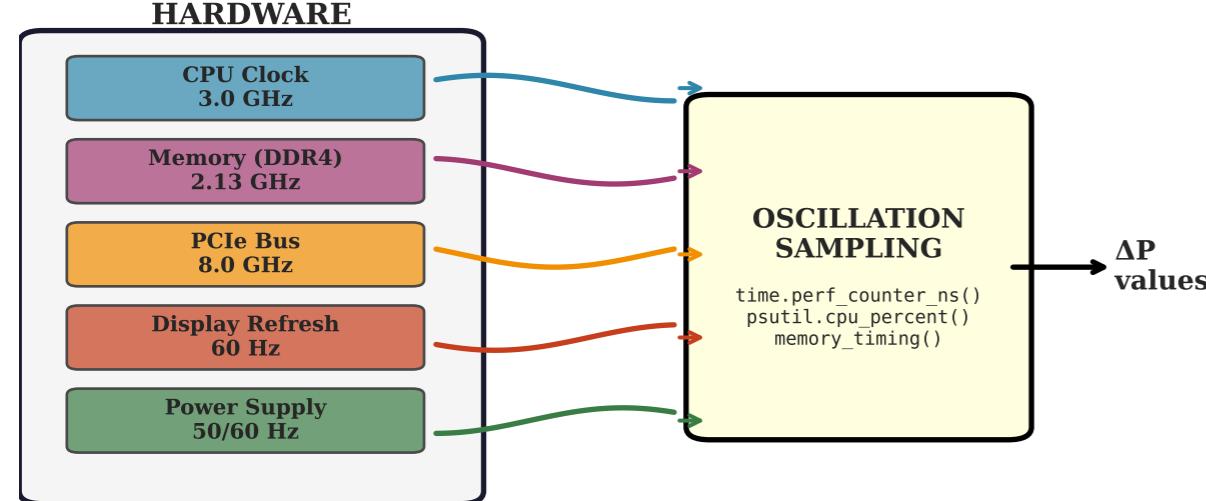


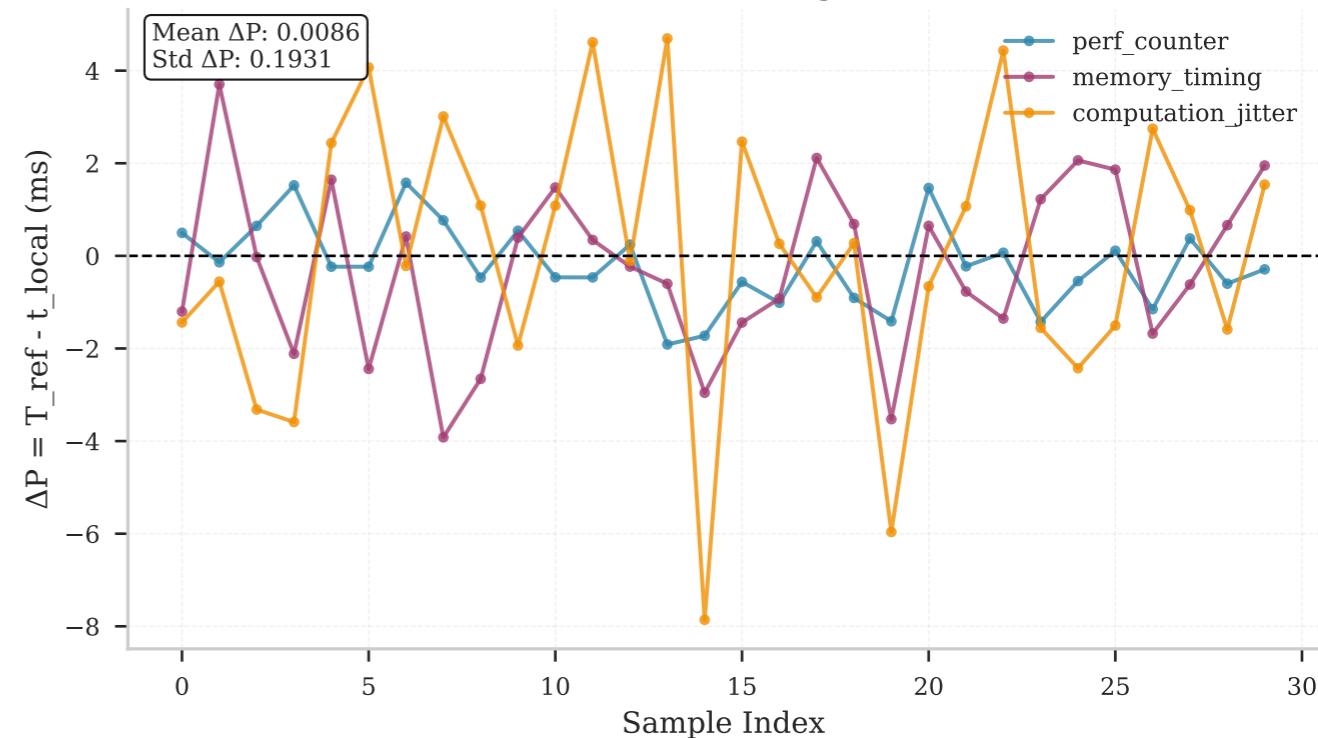
Hardware-Based Virtual Spectrometer: From Oscillations to Molecular Measurement

Real Hardware → Precision-by-Difference → S-Entropy → Categorical Measurement

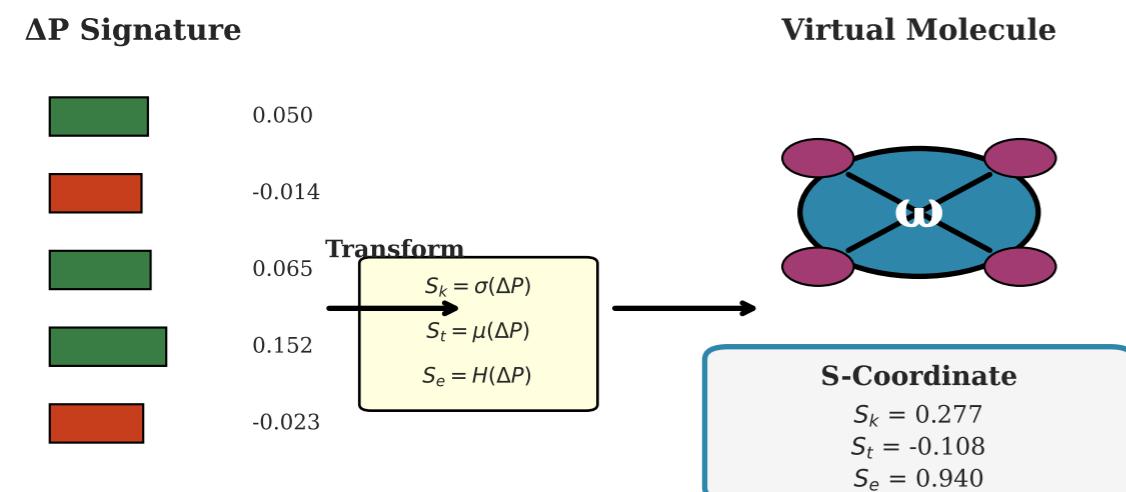
A. Hardware Oscillation Sources



B. Oscillation Harvesting → ΔP Values

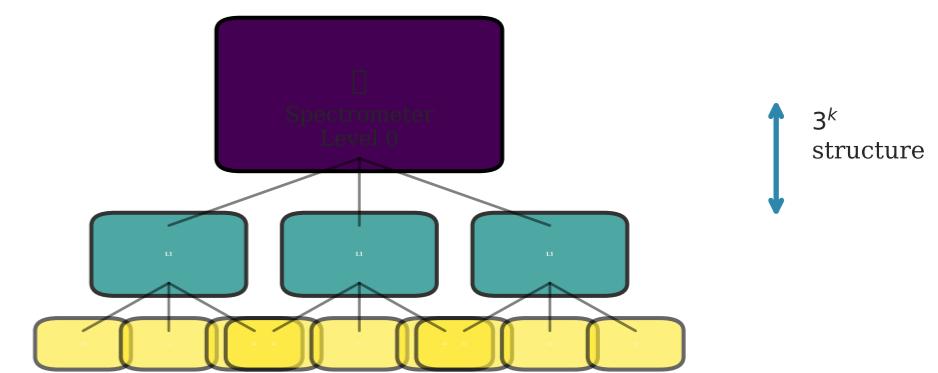


C. Mapping to S-Entropy (Virtual Molecules)

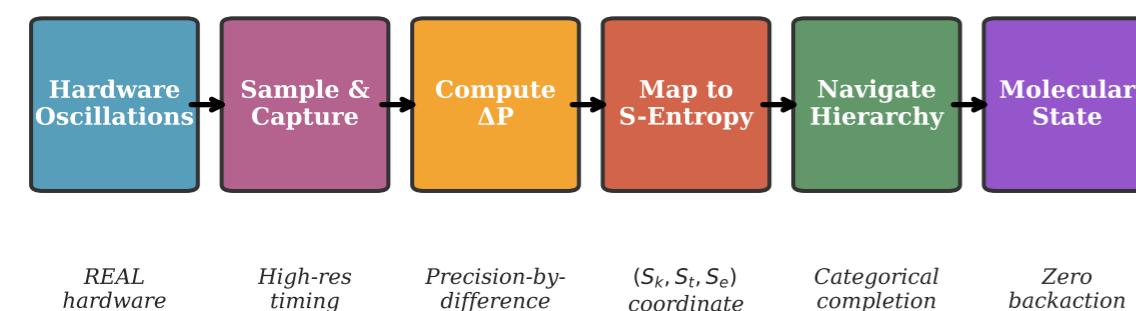


D. Virtual Spectrometer: Recursive Maxwell Demon

Each level is itself a complete spectrometer



E. Complete Measurement Pipeline



KEY INSIGHT

The virtual spectrometer does NOT simulate molecules.
It uses real hardware oscillations to access categorical states
that ARE the molecular configurations—via harmonic coincidence.

F. Harmonic Coincidences: Hardware ↔ Molecular

