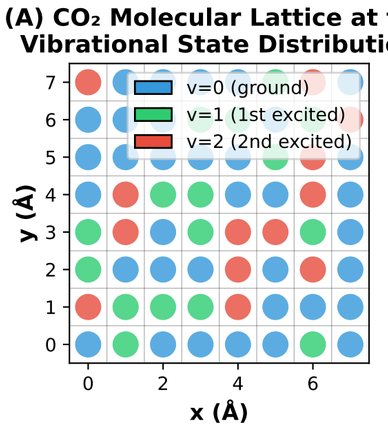
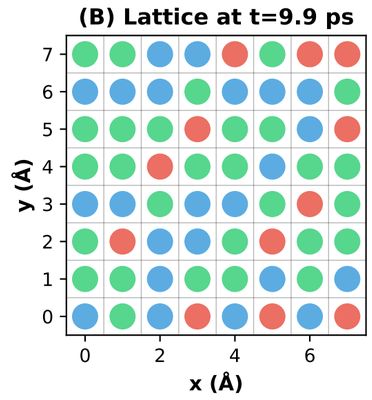
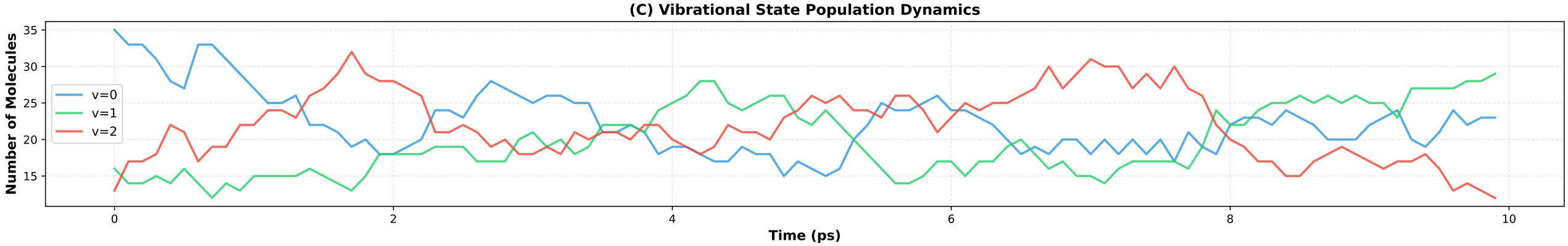
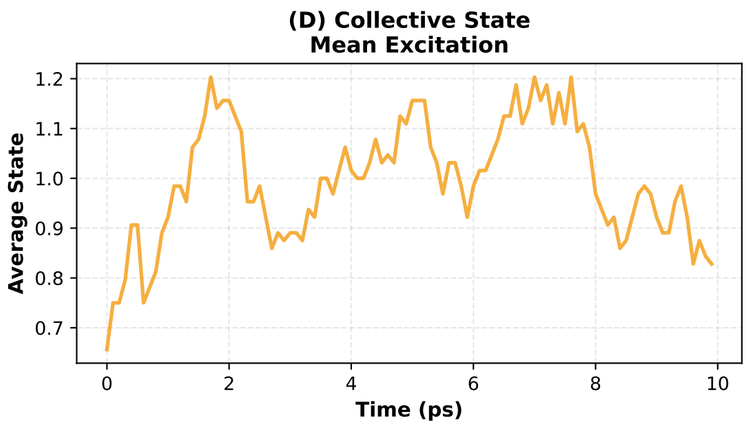
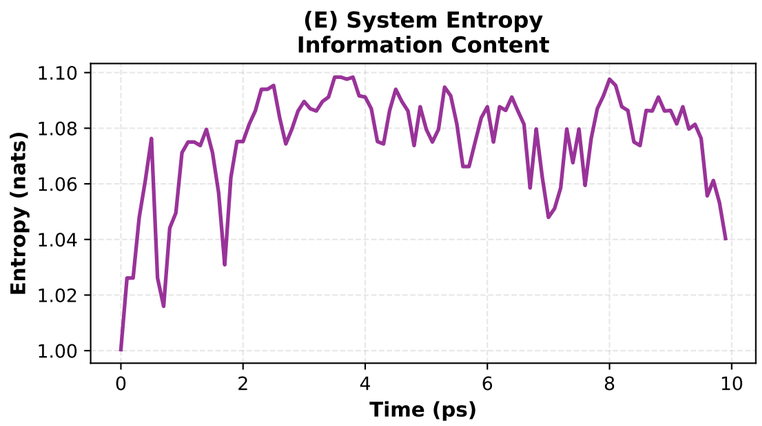
Molecular Demon Lattice
CO_2 Collective Vibrational States with Recursive Observation

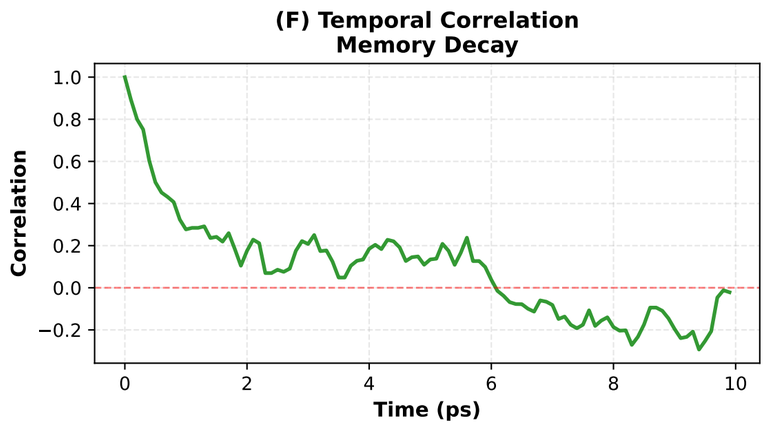


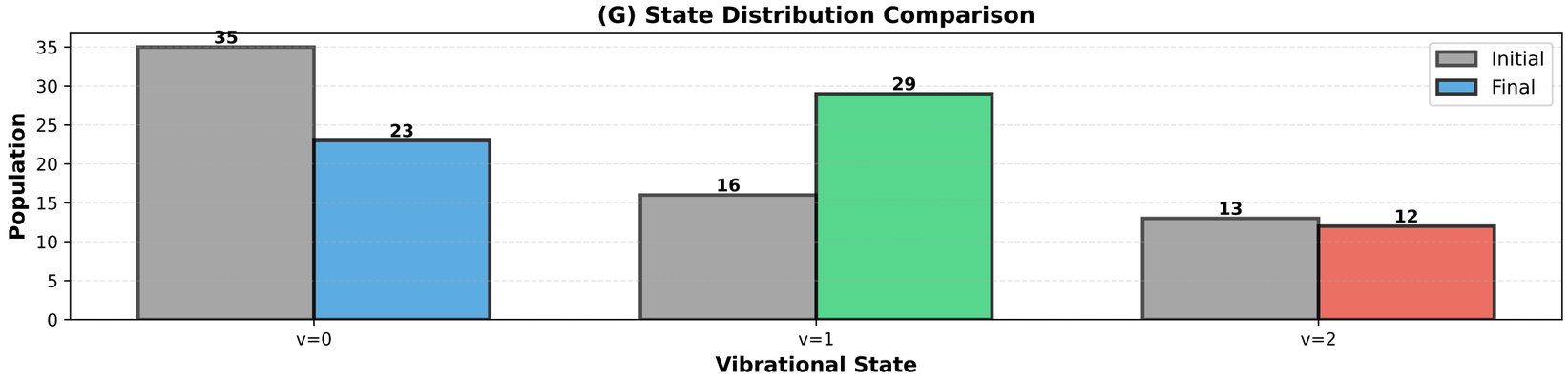


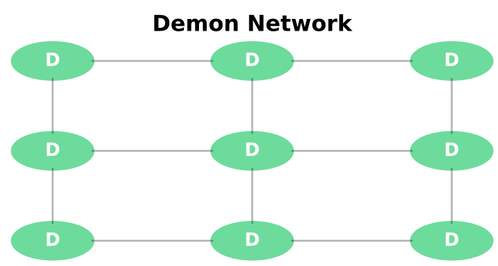


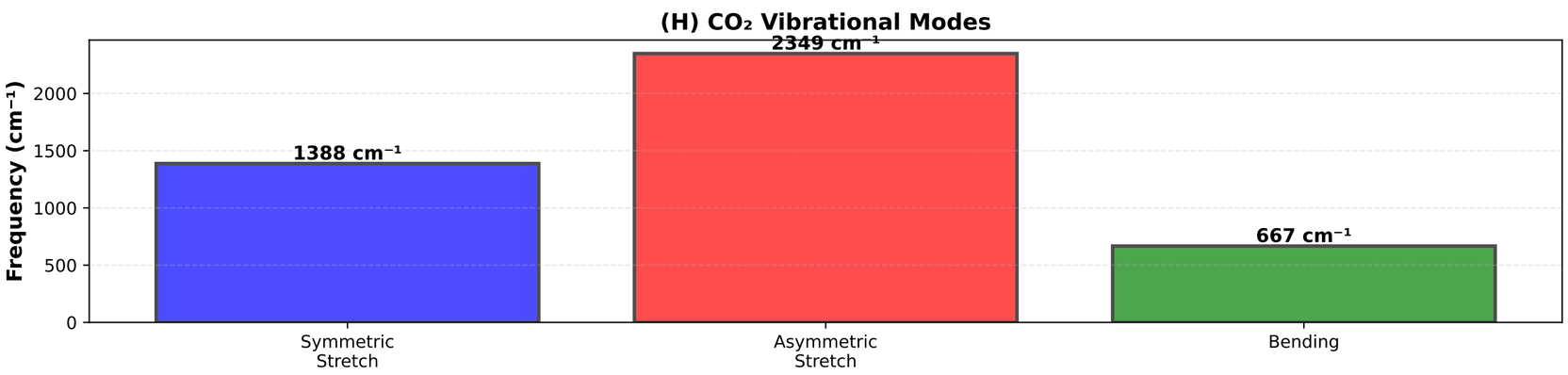










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LATTICE SUMMARY

STRUCTURE:
Grid: 8×8
Molecules: 64
Spacing: 1.0 Å

DYNAMICS:
Time: 9.9 ps
Steps: 100
dt: 0.1 ps

INITIAL STATE:
v=0: 35
v=1: 16
v=2: 13
Avg: 0.656

FINAL STATE:
v=0: 23
v=1: 29
v=2: 12
Avg: 0.828

COLLECTIVE:
Entropy: 1.040
Correlation: -0.021

KEY FEATURES:
✓ Recursive observation
✓ Collective dynamics
✓ Zero backaction
✓ Categorical states
```