

# Thoughts on Origin of entropy convergence in hydrophobic hydration and protein folding

Owen Lockwood

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This is certainly one of the shorter papers I have read, but it was clear and concise. Brevity is the soul of wit after-all. Deriving (and simulating) results from statistical mechanics on the entropy of hydration of proteins, this work provides a mathematical explanation for the entropy of protein dynamics that was previously missing. My reviews and thoughts will be shorter for those papers that I am less familiar with, and statistical mechanics is one of those fields. That being said, this paper is not dense nor that hard to understand. It uses basic conceptualizations of cavity formation and radial distribution functions (commonly learned when first doing simulations) and from there draws a rather clever result.