Abstract Submitted
for the APR05 Meeting of
The American Physical Society

Using fluctuations of Entropy as a starting point for obtaining behavior of scalar fields permitting collapse of thin wall approximation ANDREW BECKWITH, TcSAM/ U. of Houston — We have shown that a scalar field can be used, employing Scherrer's k essence cosmological sound calculation, to model how we evolve from a dark matter-dark energy mix to a cosmological constant. Here, we are exploring what initiates the decay of the near perfect thin wall approximation on that scalar field to circumstances permitting a k essence speed-of-sound argument in favor of traditional models of Einstein's cosmological constant as a driving force for inflationary expansion.

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Date submitted: 21 Jan 2005 Electronic form version 1.4