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Q: According to Dyson *et al* the "cheap fluctuation" is an illusion. Can it be made up for by exponentially large volume produced by inflation?
A Consider a "volume enhancement" of P_{inf} → P_{inf} N_{H0}
 where N_{H0} is the number of different reheated volumes that are the size of the observed universe
IV) Failure in de Sitter space (A. Albrecht, KITP Oct 003)



















































VII) Conclusions
A quantitative analysis of competing paths to the big bang may be coming within reach.
There are specific questions, some of which seem tractable, which could have a radical impact on how we do cosmology (for example, the success or failure of inflation).

