

Abstract Submitted  
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**Quasilocal Energy in FRW Cosmology** MARCUS AFSHAR, University of California at Davis — The quasilocal energy (QLE) of a generic FRW model of the universe is calculated. The calculation is performed using several different formulations of QLE and the results are compared. The non-stationary nature of this example serves to differentiate competing formulations of QLE. Certain formulations are shown to have incorrect classical limits. Also, the QLE is used to calculate the entropy of several specific FRW models, providing a check on other methods of entropy calculation.

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