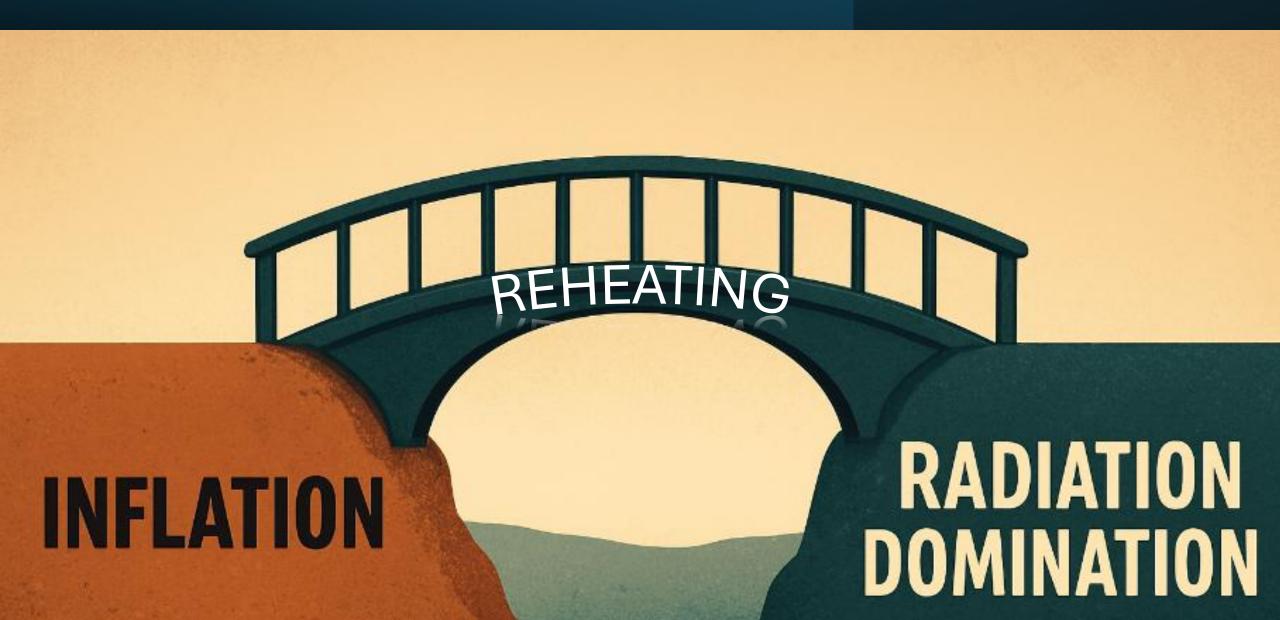
# Stochastic simulation of reheating and/or warm inflation

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## smooth reheating

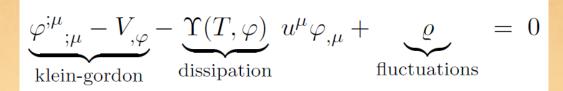


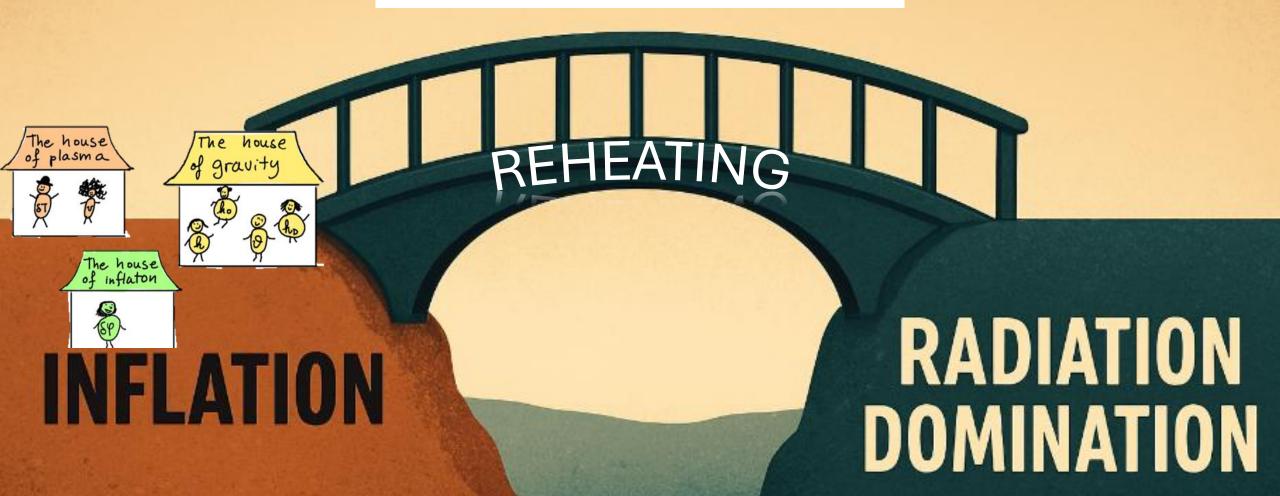


#### smooth reheating



### smooth reheating





#### our work

Derive model agnostic, stochastic evolution equations.

Solve them numerically.

Example: SM with QCD axion.



#### details:







- gauge invariance
- no slow roll approximation
- inflaton equilibration determined dynamically
- correct quantum and classical limits
- ...

# See you downstairs:)

