

Module: `tf.contrib.bayesflow.hmc`[Contents](#)[Functions](#)

Defined in `tensorflow/contrib/bayesflow/python/ops/hmc.py`.

Hamiltonian Monte Carlo, a gradient-based MCMC algorithm.

## Functions

`ais_chain(...)` : Runs annealed importance sampling (AIS) to estimate normalizing constants.

`chain(...)` : Runs multiple iterations of one or more Hamiltonian Monte Carlo chains.

`kernel(...)` : Runs one iteration of Hamiltonian Monte Carlo.

`leapfrog_integrator(...)` : Applies `n_steps` steps of the leapfrog integrator.

`leapfrog_step(...)` : Applies one step of the leapfrog integrator.

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