

# AniLA: Anisotropic Langevin Dynamics for training Energy-Based Models

**Abstract**

## **1 Introduction**

## **2 MCMC based EBM**

Present EBM, MCMC procedure, Langevin etc...

## **3 Geometric ergodicity of ANILA sampler**

We introduce a new sampler based on the Langevin updates presented above.

## **4 Numerical Experiments**