

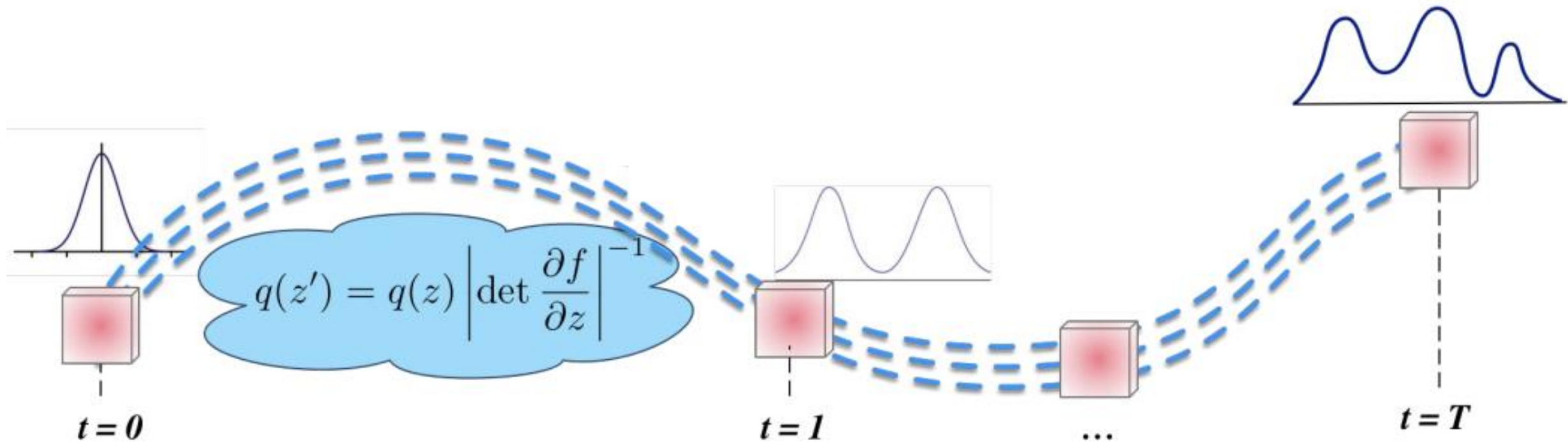
# Representation of Information

## ECE 598 LV – Lecture 12

Lav R. Varshney

27 February 2024

# Normalizing Flows



**Distribution flows through a sequence of invertible transforms**

Rezende and Mohamed, 2015

# Normalizing Flows

<https://www.youtube.com/watch?v=yxVcnuRrKqQ>

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# Evaluating State-of-the-Art Classification Models Against Bayes Optimality

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[https://proceedings.neurips.cc/paper\\_files/paper/2021/file/4e0ccd2b894f717df5ebc12f4282ee70-Paper.pdf](https://proceedings.neurips.cc/paper_files/paper/2021/file/4e0ccd2b894f717df5ebc12f4282ee70-Paper.pdf)

The Thirty-Sixth AAAI Conference on Artificial Intelligence (AAAI-22)

# **Entropy Estimation via Normalizing Flow**

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<https://cdn.aaai.org/ojs/21237/21237-13-25250-1-2-20220628.pdf>