

# Unsupervised training of Convolutional Networks with SGVB

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# Overview

## 1 Introduction

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- Convolutional Networks have had much success recently in Computer Vision tasks on large datasets
- To date, there is no effective means of training such Networks unsupervised
- The recently developed SGVB makes efficient, effective Bayesian Inference possible by means of stochastic gradient descent

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Thank you for your attention!