



Laboratório
Nacional de
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Científica

COMOD
Coordenação de Modelagem Computacional

Relatório de Atividades

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1 Introduction

1 INTRODUCTION

[Kingma and Welling \(2022\)](#) introduced the variational auto-encoding, a stochastic inference and learning algorithm.

[X](#)

[Higgins et al. \(2016\)](#)

REFERENCES

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Irina Higgins, Loïc Matthey, Arka Pal, Christopher P. Burgess, Xavier Glorot, Matthew M. Botvinick, Shakir Mohamed, and Alexander Lerchner. beta-vae: Learning basic visual concepts with a constrained variational framework. In *International Conference on Learning Representations*, 2016.

Diederik P Kingma and Max Welling. Auto-encoding variational bayes, 2022.