Probabilistic Circuits: Marginal Maximum a Posteriori (MMAP) Queries

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Outline

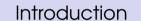# Introduction

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Background
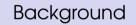
Background

Marginal Determinism

Marginal Determinism

MMAP Algorithm

MMAP Algorithm

Correctness

Correctness

Conclusions

Conclusions

Thank you for Your Attention!

References

(1) YooJung Choi, Antonio Vergari, and Guy Van den Broeck.
     "Probabilistic Circuits: A Unifying Framework for Tractable Probabilistic
     Models". In: (October 2020). URL:
     http://starai.cs.ucla.edu/papers/ProbCirc20.pdf (visited on
     01/19/2022).