On the paper "Sum-Product Networks: A New Deep Architecture"

Jhonatan S. Oliveira   OLIVEIRA@CS.UREGINA.CA
Department of Computer Science
University of Regina
Regina, Canada

Abstract

The paper "Sum-Product Networks: A New Deep Architecture" introduces a new mathematical model for inference and learning, called *sum-product networks*. The new model is represented as directed acyclic graph with multiple layers, thus the classification as a deep architecture. The authors are clear and concise with their comments. The paper is well written and excels in presenting the considerable big content in the constrain of a limited space.

Keywords: sum-product network, learning, deep architecture

1. Introduction

2. Background and Related Works

3. Critic

4. Conclusions

References