

Dear editor,

The present authors, Daniel G. Silva, Denis G. Fantinato, Jânio C. Canuto, Leonardo T. Duarte, Aline O. Neves, Ricardo Suyama, Jugurta Montalvão and Romis Attux, would like to submit the paper “An Introduction to Information Theoretic Learning, Part II: Applications” to be analyzed for publication as a Tutorial Paper in the Journal of Communication and Information Systems.

This is the second part of the introductory tutorial about information theoretic learning, which, after the theoretical foundations presented in Part I, now discusses the concepts of correntropy, a new similarity measure derived from the quadratic entropy, and presents a series of problems where the ITL framework can be successfully applied. The first part of the tutorial is also being submitted to JCIS as a separate work.

Contacts:

Daniel G. Silva (corresponding author)

e-mail: daniel.guerreiro@gmail.com (preferred); danielgs@ene.unb.br

Address: Faculdade de Tecnologia (FT) – Departamento de Engenharia Elétrica (ENE) – Universidade de Brasília (UnB)

Campus Darcy Ribeiro,
Brasília – DF. Brasil.

Denis G. Fantinato

e-mail: denisgf@dca.fee.unicamp.br

Jânio C. Canuto

e-mail: janio.canuto@gmail.com

Leonardo T. Duarte

e-mail: leonardo.duarte@fca.unicamp.br

Aline O. Neves

e-mail: aline.neves@ufabc.edu.br

Ricardo Suyama

e-mail: ricardo.suyama@ufabc.edu.br

Jugurta Montalvão

e-mail: jmontalvao@ufs.br

Romis Attux

e-mail: attux@dca.fee.unicamp.br

The paper has not been submitted to any other journal or congress.

Best regards,

The authors.