

Applying Genetic Programming on the interpretation of cosmological observations.

Content

The aim of this work is to introduce genetic programming as an auxiliary tool for cosmological data analysis. By using a symbolic regressor, mathematical expressions are generated to describe a set of data, whether synthetic or observational, without assuming any specific prior model. This technique allows for the comparison of established cosmological models and provides a more lucid understanding of the data when there is no clear precedent in its behavior.

Tipo de presentación

Póster

Primary author(s) : Mr. NATAREN ELIZALDE, Mario Atzin (ICF)

Co-author(s) : Dr. VAZQUEZ GONZALEZ, Jose Alberto (Instituto de Ciencias Físicas)

Presenter(s) : Mr. NATAREN ELIZALDE, Mario Atzin (ICF)