## Análise de agrupamento da velocidade do vento no Nordeste do Brasil

Lêda Valéria Ramos Santana <sup>1</sup>, Antonio Samuel Alves da Silva <sup>2</sup>

**Abstract:** The present work aims to identify patterns in wind speed behavior for the Northeast region of Brazil. Were analyzed 94 historical series at 00 and 12h (UTC) of INMET (1961 to 2016). The results presented three groups and allowed the concentration of stations with similar performances in different regions.

**Keywords:** patterns; INMET; *clustering*.

 $<sup>^1</sup>$ Instituto Federal da Paraíba. e-mail:  $valeria\_araua@hotmail.com$ 

<sup>&</sup>lt;sup>2</sup>Universidade Federal Rural de Pernambuco. e-mail: samuelmatematico@yahoo.com.br