



Certificate

مؤمناً عَمراً (السَّراج) (الواسطى) (السَّراج) (النَّظر) (القوامى) (السَّراج) (السَّراج)

This is to certify that the paper entitled:

A Novel Short Electric Load Forecasting Approach Using a Multivariate Transformer Neural Network and CEEMDAN.

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Medhat Hegazy Elfar, and Azza Ahmed ElDesouky
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Conference Chairman

Akram Omitwally

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