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A comparison between MODWT-SVM-DE hybrid model and ARIMA model in forecasting primary energy consumptions (Conference Paper) Sujjaviriyasup, T. ^a R. Pitiruek, K. ^b	PlumX Metrics
^a Department of Logistics Engineering, University of the Thai Chamber of Commerce, Bangkok, Thailand ^b Supply Chain and Logistics Research Unit, Department of Industrial Engineering, Khon Kaen University, Thailand	Usage, Captures, Mentions, Social Media and Citations beyond Scopus.
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The future demand of primary energy plays an important role in a reliable supply system, which is used as a guideline for a proper policy. The useful information of demand can be obtained from suitable forecasting models. In this paper, the forecasting performances of ARIMA model and hybrid model of MODWT-SVM-DE model are investigated and compared based on three criteria; MAE, MAPE, and sMAPE. The empirical results indicated that the MODWT-SVM-DE model provides more accurate forecasts than ARIMA model at significance level $\alpha = 0.10$. However, the ARIMA	Cited by 0 documents Inform me when this document
model as a simplified model is capable to provide the accurate result that is not relatively different than that of the MODWT-SVM-DE model in given data sets. © 2017 IEEE.	is cited in Scopus: Set citation alert > Set citation feed >
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ISSN: 21573611 DOI: 10.1109/IEEM.2017.8290001 ISBN: 978-153860948-4 Document Type: Conference Paper Source Type: Conference Sponsors: Proceeding Publisher: IEEE Computer Society Original language: English	Notes in Bioinformatics) ARIMA forecasting of China's coal consumption, price and investment by 2030 Jiang, S., Yang, C., Guo, J.
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