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## **CERTIFICATE**

It is certify that the paper entitled by "Research on Short-Term Motion Prediction of Ore Transport Vessels Based on the LSTM Model" has been published in International Journal of Engineering and Science Invention (IJESI).

### Your article has been published with following details:

Author's Name: Hui Zhang

Journal Name: International Journal of Engineering and Science Invention (IJESI)

Journal Web: www.ijesi.org

Journal Type: Online & Offline

Review Type: Peer Review Refereed

Publication Year: 2025

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E-mail ID: ijesi@invmails.com

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