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(57) Abstract :
The present invention relates to the field of a deep convolutional neural network system. The invention more particularly relates to a deep convolutional neural network system for lithium-ion battery capacity comprises: a battery management system; a wireless network; a cloud server; one or more batteries; a battery data module; and a deep convolutional neural network configured to receive a time series of values one or more battery attributes for a battery and to determine based on the received time series, the battery state. Accompanied Drawing [FIG. 1]

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