

GroupI: proposed by Mohammad Pasande

1. Short-Term Residential Load Forecasting Based on LSTM Recurrent Neural Network
2. Neural Stance Detection With Hierarchical Linguistic Representations
3. Anomaly Detection in Cyber Physical Systems Using Recurrent Neural Networks
4. Recurrent Quantum Neural Networks
5. BRITS: Bidirectional Recurrent Imputation for Time Series
6. PredRNN: Recurrent Neural Networks for Predictive Learning using Spatiotemporal LSTM
7. A CNN–LSTM model for gold price time-series forecasting
8. A new concept using LSTM Neural Networks for dynamic system identification
9. Residual LSTM: Design of a Deep Recurrent Architecture for Distant Speech Recognition
10. Long-term forecasting using tensor-train RNNs
11. MomentumRNN: Integrating Momentum into Recurrent Neural Networks
12. Economic Machine-Learning-Based Predictive Control of Nonlinear Systems

----- In Case of a shortage -----

13. Normalization Helps Training of Quantized LSTM
14. POPQORN: Quantifying Robustness of Recurrent Neural Networks
15. Imputing Missing Events in Continuous-Time Event Streams
16. Understanding and Controlling Memory in Recurrent Neural Networks
17. Outlier-Resistant Remote State Estimation for Recurrent Neural Networks With Mixed Time-Delays
18. Adaptive Global Sliding-Mode Control for Dynamic Systems Using Double Hidden Layer Recurrent Neural Network Structure
19. LSTM-MSNet Leveraging Forecasts on Sets of Related Time Series With Multiple Seasonal Patterns
20. Efficient online learning with improved LSTM neural networks

GroupII: proposed by Alireza Nilgaran

1. Deep learning framework to forecast electricity demand
2. Script identification in natural scene image and video frames using an attention based Convolutional-LSTM network
3. Describing video with attention-based bidirectional LSTM
4. Gated recurrent unit based recurrent neural network for remaining useful life prediction of nonlinear deterioration
5. Machine Health Monitoring Using Adaptive Kernel Spectral Clustering and Deep Long Short-Term Memory Recurrent Neural Net
6. A long video caption generation algorithm for big video data retrieval
7. Multivariate LSTM-FCNs for time series classification
8. Deep learning for fall detection Three-dimensional CNN Combined with LSTM on video kinematic data
9. Cascaded LSTM recurrent neural network for automated sleep stage classification using single-channel
10. Times-series data augmentation and deep learning for construction equipment activity recognition
11. Deep attention-based spatially recursive networks for fine-grained visual recognition
12. Deep learning predicts lung cancer treatment response from serial medical imaging
13. State-of-charge estimation of lithium-ion batteries based on gated recurrent neural network

GroupIII: proposed by Romina Oji and Reyhane Akhavan

1. Why Self-Attention? A Targeted Evaluation of Neural Machine Translation Architectures
2. An Empirical Evaluation of Generic Convolutional and Recurrent Networks for Sequence Modeling
3. A Comparison of Transformer and LSTM Encoder Decoder Models For ASR
4. ABCDM: An Attention-based Bidirectional CNN-RNN Deep Model for sentiment analysis