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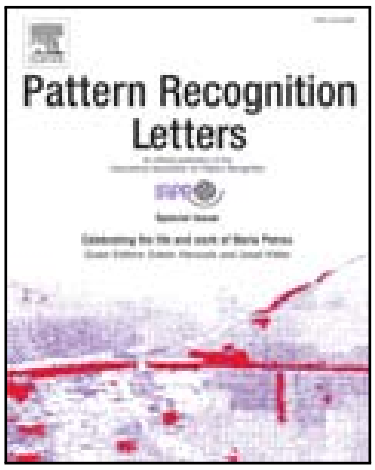

Improving Battery Voltage Prediction in an Electric Bicycle Using Altitude Measurements and Kernel Adaptive Filters

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To create your highlights, please type the highlights against each `\item` command.

It should be short collection of bullet points that convey the core findings of the article. It should include 3 to 5 bullet points (maximum 85 characters, including spaces, per bullet point.)

- Prediction of voltage in an electric bicycle is improved using altitude measurements
- Novel kernel adaptive filter outperforms existing ones in electric bicycle case study
- Nonlinearity between voltage and altitude learnt from data using kernel methods
- Stochastic optimisation for finding optimal hyperparameters in proposed approach
- Low computational complexity allows for extensions and online implementation

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