

Artificial intelligence involves using machine learning and deep learning techniques to analyze real-time data collected from various sensors installed in the vehicle [30].The sensors collect ...

New energy vehicles are crucial for low carbon applications of renewable energy and energy storage, while effective fault diagnostics of their rolling bearings is vital to ...

The fault judgment results, outage information, repair, and recovery progress, etc. are all displayed synchronously in real time, so that service staffs can quickly respond to ...

"T 31,484-2015 Electric vehicle power batteries cycle life demand and experiment method" [19] and battery operation handbooks supplied by manufacturers, we considered five battery fault ...

Emergency rush repair vehicle is considered in the searching of the emergency rush repair strategy in ... Set the level of preference of squad  $i$  to repair fault  $j$  is ... Robust unit ...

Based on the fire accident analysis of new energy vehicles, this paper systematically analyzes the potential causes of failure from materials, cell design, production and manufacturing, battery ...

Big data analysis in New Energy Automobile (NEA) maintenance and fault diagnosis improves efficiency and quality of maintenance, benefiting the future of the automobile industry. Based ...

Timeline of grid energy storage safety, including incidents, codes & standards, and other safety guidance. In 2014, the U.S. Department of Energy (DOE) in collaboration with utilities and first ...

Figure 1 is presented to illustrate the whole operation mechanism of scheduling the mobile energy storage, aiming to enhance the reliability of the distribution network. Mobile ...

3.2. Transmission fault repair Observe the circuit of the new energy vehicle to see if there is smoke, sparks, abnormal sound and fever in the circuit. According to the abnormal position, ...

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