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(57) Abstract :
Embodiments of the present disclosure relates to a system (100) and method (300) for monitoring health of a battery based on internal optical sensing technology. In an aspect, the present disclosure discloses a system (102) for monitoring health of a battery based on internal optical sensing technology. The system (102) comprises a processor (202) coupled to a memory (204). The memory (204) stores processor-executable instructions. The processor (202) is configured to activate one or more optical sensors embedded inside the battery. Further, the processor (202) is configured to extract data from the one or more optical sensors. Next, the processor (202) is configured to analyse the extracted data. In the end, the processor (202) is configured to regulate the battery based on the analysed data.

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