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## Electrochemical Impedance Spectroscopy. Case of study and software implementation.

Abstract: Any substance subjected to a variable electrical signal responds like a passive electrical circuit. The electrochemical impedance spectroscopy aims to characterise the equivalent circuit of a given substance. The characterization of the equivalent circuit is essential when the material should be used for battery or to determine any other application. In this work, the methodologies and optimisation used to characterize the electrical property of the substance are presented.

**Apply to be considered for a student ; award (Yes / No)?**

Yes

**Level for award;(Hons, MSc, PhD, N/A)?**

PhD

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