

عنوان مقاله:

AC Impedance modeling and characterization of reaction layer parameters for proton exchange membrane fuel cell

محل انتشار:

سومین همایش پیل سوختی ایران (سال: 1388)

تعداد صفحات اصل مقاله: 5

نویسندگان:

Mehdi Kheirmand - *Department of Mechanical Engineering, school of engineering, Yasouj University, Yasouj, Iran*

A. Asnafi - *Department of Mechanical Engineering, school of engineering, Yasouj University, Yasouj, Iran.*
(asnafi@mail.yu.ac.ir)

خلاصه مقاله:

A finite transmission line is proposed for proton exchange membrane fuel cell when the faradic current is absent due to purging of Inert gas at the back of cathode and anode. Electrochemical impedance was computed by using MATLAB software. The electrical elements from transmission line were extracted from Nyquist and Bode diagrams .obtained from computed impedance

کلمات کلیدی:

Impedance modeling, MATLAB, proton exchange membrane fuel cell, Nyquist digram, Bode diagram

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/74579>

