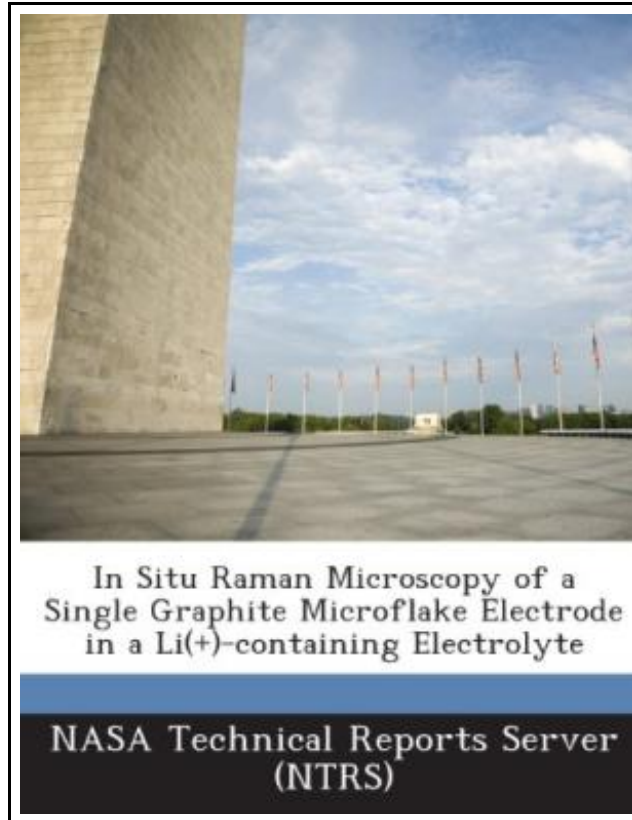


In Situ Raman Microscopy of a Single Graphite Microflake Electrode in a Li⁽⁺⁾-Containing Electrolyte



Filesize: 3.12 MB

Reviews



Extremely helpful to all category of individuals. I have got go through and that i am confident that i will likely to read through once again again later on. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Nikita Herzog)

IN SITU RAMAN MICROSCOPY OF A SINGLE GRAPHITE MICROFLAKE ELECTRODE IN A LI()-CONTAINING ELECTROLYTE



Bibliogov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. Highly detailed Raman spectra from a single KS-44 graphite microflake electrode as a function of the applied potential have been collected in situ using a Raman microscope and a sealed spectroelectrochemical cell isolated from the laboratory environment. Correlations were found between the Raman spectral features and the various Li() intercalation stages while recording in real time Raman spectra during a linear potential scan from 0.7 down ca. 0.0V vs LiLi() at a rate of 0.1 mVs in a 1M LiClO₄ solution in a 1:1 (by volume) ethylene carbonate (EC): diethyl carbonate (DEC) mixture. In particular, clearly defined isosbestic points were observed for data collected in the potential range where the transition between dilute phase 1 and phase 4 of lithiated graphite is known to occur, i. e. 0.157 E 0.215 vs LiLi(). Statistical analysis of the spectroscopic data within this region made it possible to determine independently the fraction of each of the two phases present as a function of potential without relying on coulometric information and then predict, based on the proposed stoichiometry for the transition, a spectrally-derived voltammetric feature. This item ships from La Vergne, TN. Paperback.

-  [Read In Situ Raman Microscopy of a Single Graphite Microflake Electrode in a Li\(\)-Containing Electrolyte Online](#)
-  [Download PDF In Situ Raman Microscopy of a Single Graphite Microflake Electrode in a Li\(\)-Containing Electrolyte](#)

Other Kindle Books



Animalogy: Animal Analogies

Sylvan Dell Publishing. Paperback. Book Condition: New. Cathy Morrison (illustrator). Paperback. 32 pages. Dimensions: 9.8in. x 8.4in. x 0.4in. Compare and contrast different animals through predictable, rhyming analogies. Find the similarities between even the most incompatible...

[Read eBook »](#)



The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in. Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

[Read eBook »](#)



God Loves You. Chester Blue

Henry and George Press. Paperback. Book Condition: New. Ursula Andrejczuk (illustrator). Paperback. 140 pages. Dimensions: 8.0in. x 5.2in. x 0.3in. BEAUTIFUL NEW ILLUSTRATIONS BRING THE STORY TO LIFE! A charming book about a mysterious bear that shows...

[Read eBook »](#)



Good Night, Zombie Scary Tales

Feiwei & Friends. Paperback. Book Condition: New. Iacopo Bruno (illustrator). Paperback. 112 pages. Dimensions: 8.2in. x 5.4in. x 0.2in. Welcome. Have a seat. Ignore the shambling undead outside. Let us tell you a story. But be...

[Read eBook »](#)



Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in. Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English...

[Read eBook »](#)