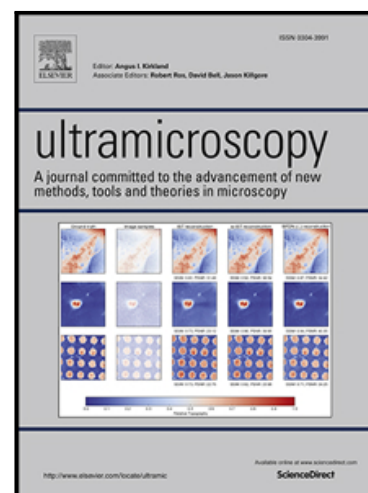


Accepted Manuscript

Towards quantitative mapping of the charge distribution along a nanowire by in-line electron holography

Shikai Liu , Te Shi , Qiongyang Chen , Amin Zhai , He Tian ,
ZeJun Ding , JiXue Li , Ze Zhang

PII: S0304-3991(18)30130-X
DOI: <https://doi.org/10.1016/j.ultramic.2018.08.006>
Reference: ULTRAM 12624



To appear in: *Ultramicroscopy*

Received date: 9 April 2018
Revised date: 30 July 2018
Accepted date: 7 August 2018

Please cite this article as: Shikai Liu , Te Shi , Qiongyang Chen , Amin Zhai , He Tian , ZeJun Ding , JiXue Li , Ze Zhang , Towards quantitative mapping of the charge distribution along a nanowire by in-line electron holography, *Ultramicroscopy* (2018), doi: <https://doi.org/10.1016/j.ultramic.2018.08.006>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A simple and efficient approach to acquire the charge distribution in TEM
- Direct inspection of charge and fast response to charge variations
- Mapping charge density in quantitative way with a high sensitivity

Download English Version:

<https://daneshyari.com/en/article/8037618>

Download Persian Version:

<https://daneshyari.com/article/8037618>

[Daneshyari.com](https://daneshyari.com)