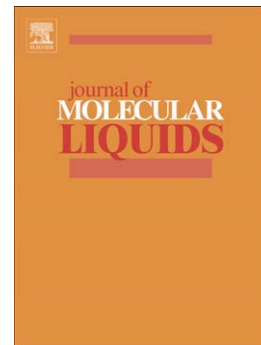


Accepted Manuscript

Structure and capacitance of an electric double layer of an asymmetric valency dimer electrolyte: A comparison of the density functional theory with Monte Carlo simulations; Your article is registered as a regular item and is being processed for inclusion in a regular issue of the journal. If this is NOT correct and your article belongs to a Special Issue/Collection please contact michael.evans@elsevier.com immediately prior to returning your corrections. The author names have been tagged as given names and surnames (surnames are highlighted in teal color). Please confirm if they have been identified correctly. Please check whether the designated corresponding author is correct.



Douglas Henderson, Whashington Silvestre-Alcantara, Monika Kaja, Stanisław Lamperski, Jianzhong Wu, Lutful Bari Bhuiyan

PII: S0167-7322(16)31456-8
DOI: doi: [10.1016/j.molliq.2016.08.051](https://doi.org/10.1016/j.molliq.2016.08.051)
Reference: MOLLIQ 6211

To appear in: *Journal of Molecular Liquids*

Received date: 6 June 2016
Revised date: 14 August 2016
Accepted date: 16 August 2016

Please cite this article as: Douglas Henderson, Whashington Silvestre-Alcantara, Monika Kaja, Stanisław Lamperski, Jianzhong Wu, Lutful Bari Bhuiyan, Structure and capacitance of an electric double layer of an asymmetric valency dimer electrolyte: A comparison of the density functional theory with Monte Carlo simulations; Your article is registered as a regular item and is being processed for inclusion in a regular issue of the journal. If this is NOT correct and your article belongs to a Special Issue/Collection please contact michael.evans@elsevier.com immediately prior to returning your corrections. The author names have been tagged as given names and surnames (surnames are highlighted in teal color). Please confirm if they have been identified correctly. Please check whether the designated corresponding author is correct. *Journal of Molecular Liquids* (2016), doi: [10.1016/j.molliq.2016.08.051](https://doi.org/10.1016/j.molliq.2016.08.051)

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

Structure and capacitance of an electric double layer of an asymmetric valency dimer electrolyte: A comparison of the density functional theory with Monte Carlo simulations

Douglas Henderson^a, Whashington Silvestre-Alcantara^b, Monika Kaja^c,
Stanisław Lamperski^c, Jianzhong Wu^d,
and
Lutful Bari Bhuiyan^b

August 17, 2016

^aDepartment of Chemistry and Biochemistry, Brigham Young University, Provo, UT 84602-5700, USA

^bLaboratory of Theoretical Physics, Department of Physics, University of Puerto Rico, San Juan, PR 00936-8377, USA

^cDepartment of Physical Chemistry, Adam Mickiewicz University in Poznań, Umultowska 89b, 61-614 Poznań, Poland

^dDepartment of Chemical and Environmental Engineering, University of California, Riverside, CA 92521-0425, USA

Download English Version:

<https://daneshyari.com/en/article/5409433>

Download Persian Version:

<https://daneshyari.com/article/5409433>

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