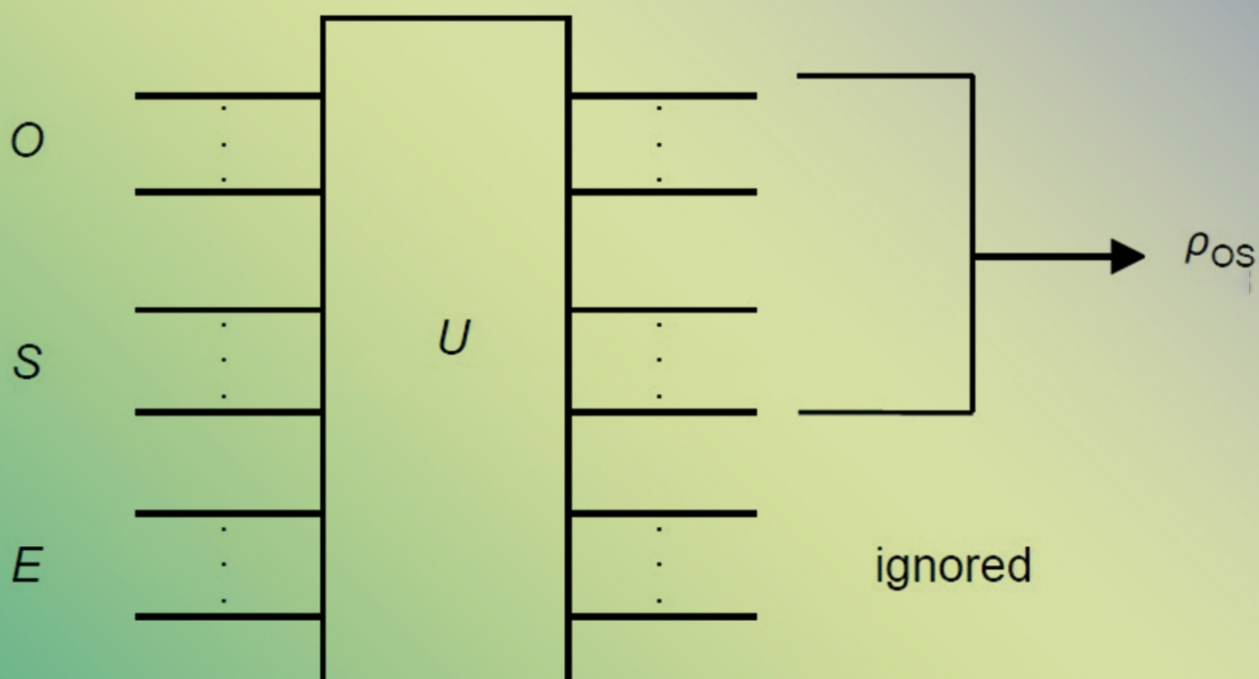


Journal of Quantum Information Science



Journal Editorial Board

ISSN 2162-5751 (Print) ISSN 2162-576X (Online)

<http://www.scirp.org/journal/jqis>

Executive Editor-in-Chief

Prof. Arun Kumar Pati Harish-Chandra Research Institute (HRI), Allahabad, India

Editorial Board

Prof. Hans-Thomas Elze	University of Pisa, Italy
Prof. Nicolas Gisin	University of Geneva, Switzerland
Prof. L. B. Levitin	Boston University, USA
Prof. Mohamed S. El Naschie	University of Alexandria, Egypt
Prof. Sandu Popescu	University of Bristol, UK
Prof. T. Toffoli	Boston University, USA
Prof. V. Vedral	University of Oxford, UK
Prof. Wen-Ran Zhang	Georgia Southern University, USA

Table of Contents

Volume 6 Number 3

September 2016

Undulatory Theory with Paraconsistent Logic (Part I): Quantum Logical Model with Two Wave Functions

J. I. Da Silva Filho.....143

Undulatory Theory with Paraconsistent Logic (Part II): Schrödinger Equation and Probability Representation

J. I. Da Silva Filho.....181

No Quantum Process Can Explain the Existence of the Preferred Basis: Decoherence Is Not Universal

H. Inamori.....214

Journal of Quantum Information Science (JQIS)

Journal Information

SUBSCRIPTIONS

The *Journal of Quantum Information Science* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2016 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

Copyright for individual papers of the journal:

Copyright © 2016 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

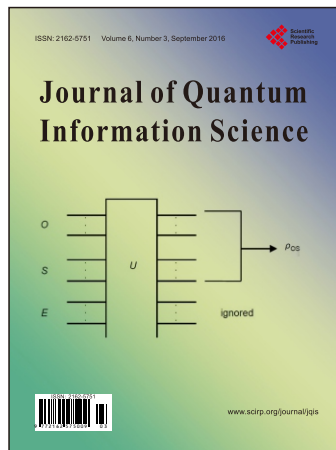
Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: jqis@scirp.org



Journal of Quantum Information Science

ISSN 2162-5751 (Print) ISSN 2162-576X (Online)

<http://www.scirp.org/journal/jqis>

Executive Editor-in-Chief

Prof. Arun Kumar Pati

Harish-Chandra Research Institute (HRI), Allahabad, India

Editorial Board

Prof. Hans-Thomas Elze

University of Pisa, Italy

Prof. Nicolas Gisin

University of Geneva, Switzerland

Prof. L. B. Levitin

Boston University, USA

Prof. Mohamed S. El Naschie

University of Alexandria, Egypt

Prof. Sandu Popescu

University of Bristol, UK

Prof. T. Toffoli

Boston University, USA

Prof. V. Vedral

University of Oxford, UK

Prof. Wen-Ran Zhang

Georgia Southern University, USA

Subject Coverage

The field of Quantum Information Science is the most challenging and hot topic among all branches of science. This field is also quite interdisciplinary in character, and people from quantum theory, computer science, mathematics, information theory, condensed matter physics, many-body physics and many more have been actively involved to understand implications of quantum mechanics in information processing. JQIS aims to publish research papers in the following areas:

- Dynamical Maps
- Experimental Implementation
- Geometric Quantum Computation
- Quantum Computation
- Quantum Cryptography
- Quantum Entanglement
- Quantum Information Processing Protocols
- Quantum Information Theory
- Relativistic Quantum Information Theory

JQIS will consider original Letters, Research articles, and short Reviews in the above and related areas. Before publication in JQIS all the submitted papers will be peer-reviewed by the experts in the field. We can plan to bring out JQIS as a monthly journal, hence all the authors can take advantage of rapid publications of their results in this fast growing field. Being an open access journal we can hope to reach a much wider readership compared to other journals in the related areas.

Website and E-Mail

<http://www.scirp.org/journal/jqis>

E-mail: jqis@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific
Research
Publishing**

Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org