



کراچی یونیورسٹی

*University of Karachi*

**Department of Mathematics**

*Chairman*

Math/PAS/2005-7436

December 27, 2005

Professor Dr. Muhammad Iqbal Choudhry  
Director (Acting)  
Pakistan Academy of Sciences  
C/O HEJ Research Institute of Chemistry  
University of Karachi  
Karachi 75270.

*Subject:* **Review of MS NO. PS-009 (31032005-PS-009), “Landau-Lifshitz-Energy-Momentum Pseudotensor for Matrices with Spherical Symmetry”, submitted for possible publication in *Proceedings of Pakistan Academy of Sciences***

*Reference:* Your letter number RIC/1805/05 dated October 3, 2005

Dear Professor Choudhry,

Enclosed please find my review and comments on the manuscript. My recommendation regarding the manuscript is:

**“Manuscript has serious drawbacks. Ask the author for a thorough revision and send again for refereeing the revised version.”**

With kindest regards,

Sincerely yours,

**Professor Dr. Syed Arif Kamal**

*MS (Indiana, Bloomington, USA); MA (Johns Hopkins, USA); PhD*

Chairman Convener, National Curriculum Revision  
Department of Mathematics Committee in Mathematics  
*University of Karachi Higher Education Commission*

*Encl:* Referee report (signed and unsigned copies of comments are enclosed)  
Manuscript (in original) – no copies retained



## Referee Report

Signed Copy (for records)

*MS Number:* PS-009 (31032005-PS-009)

*Title:* Landau-Lifshitz-Energy-Momentum Pseudotensor for Matrices with Spherical Symmetry

*Author(s):* -----

The manuscript has serious drawbacks in format and style. Unless these are corrected the manuscript cannot be evaluated, technically, for appropriateness of contents. The following suggestions may be helpful:

*Notation:* Nomenclature/glossary of symbols used should be listed in the beginning. Confusing notations are used. For example,  $P^m$  is used for energy-momentum-vector-field formulation in 4 dimensions. Conventionally,  $p^m$  is used. Similarly,  $\text{Sin } c$  and  $\text{Cos } c$  are used, which have no meaning. They should be  $\sin c$  and  $\cos c$ . The coördinates  $(t, R, q, j)$  are not defined.

*Language:* Need editing of language. Some examples are given below:

The spelling of “matrices” in title of the paper is incorrect. There should be a hyphen after Lifshitz in the title.

No full stop should be inserted at the end of a reference.

A. Trautman,..., N. Y. (1962) □ → *Remove this full stop*

While typing the initials in a name, a space is inserted after every period, for example S.V. Gupta, should be typed as S. V. Gupta.

Page 1, Line 16: “point to point” should be written as “point-to-point”

Page 1, Line 30: Coma should be followed by the phrase, “In this work”

*Style:* The paper should have: statement of the problem, discussion of results, (proper) conclusion

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## Referee Report

Unsigned Copy (to be sent to authors of paper)

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