

# JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES



www.journalimcms.org

#### A New Construction of OS of Sub algebras and Invariant Solution of the Black-Scholes Equation

#### Reviewer 1: --

- 1. The sentence construction should be proper in several sections to be modified.
- 2. In several sections' sentences and paragraphs have some space problem, which needs to be corrected.
- 3. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

Page No.	Actual	Suggested
1	<u>Lie</u>	the Lie
1	construct so-called OS of sub algebras	construct the so-called OS of subalgebras
1	of Black-Scholes equation into simple	of the Black-Scholes equation into a simple
1	through to	through which to
1	for Black-Scholes	for the Black-Scholes
2	of independent	of the independent
2	Variable	Variables
2	of global	of the global
2	by means of	Using
2	about Black-Scholes	to the Black-Scholes
2	finance has turn	finance has to turn
2	area in contemporary	areas in the contemporary
2	In view of	Given
2	in-order to	To
2	Lie	The Lie
2	in lieu of	instead of
2	under Lie	under the Lie
2	Accomplishment	Accomplishments
2	sub algebras) of the similar	subalgebras) of a similar
3	The section 2, is devoted to construct	Section 2, is devoted to constructing
3	The section 3	Section 3
3	Invariant	the invariant
3	Conclusion	the Conclusion
4	by transformation	by the transformation
4	are definitely linked	are linked
4	Is	Are

https://www.journalimcms.org/

4	Are	<u>Is</u>
4	find rest of Las	find the rest of the Las
5	simplifies the further	simplifies further
6	in simplest	in the simplest
7	Firstly, the case	Firstly, case
7	Disscused	Discussed
8	Produce	Produces
9	Due the	Due to the
9	under transformation	Under the transformation
9	for condition	for the condition
9	develop invariant	develop an invariant
10	of Black-Scholes	of the Black-Scholes
10	construct commutators	construct the commutators
10	us way	us a way

## **Comments to Editor:**

1. After some modification, the article can be accepted for possible publication

#### Reviewer 2: --

- 1. Paper should be written in JMCMS Journal format.
- 2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
- 3. Authors are advised that the Introductory section should be specific.
- 4. All the formula should be within the margin.
- 5. Authors need to Modify the Abstract and conclusion more appropriately.
- 6. Conflict of interest regarding the article should be mention in the text.

### **Comments to Editor:**

1. After modifying the content, the paper can be accepted for possible publication.

#### Reviewer 3: --

- 1. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged.
- 2. The authors are also advised to use tables and more diagrams to describe the topic better.
- 3. Again, the authors are also advised to use more recent references, as in the sector lot of research is going on.
- 4. Conclusion should be written in a precise manner so that it should specify the aim and objective of the paper.
- 5. Conflict of interest regarding the article should be mention in the text.

#### **Comments to Editor:**

1. After modifying the content, the paper can be accepted for possible publication.

[Note: This is a computer-generated Report hence, no need for any Signature.]