

JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES

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MODIFIED SIRD MODEL OF EPIDEMIC DISEASE DYNAMICS: A CASE STUDY OF THE COVID-19 CORONAVIRUS

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>Present</u>	The present
1	that simple	that a simple
1	of compartmental	of the compartmental
1	available in several	available on several
1	only number	only the number
1	as more	as a more
1	the epidemics course	the course of the epidemic.
1	of SIRD Model in a	of the SIRD Model into
1	their own domain	their domain
2	to study of	to the study of
2	in the recent times	in recent times
2	to the Kermack	to Kermack
2	of the demonstrating	of demonstrating
2	Entire modelling	The entire modeling
3	infectivity are	infectivity is
3	equations are	equations is
3	of SIR	of the SIR
4	change	changes
4	Increases	increase
4	Decreases	decrease
4	On	At
4	for SIRD	for the SIRD
4	number deaths	number of deaths
4	on the grounds that	Because
4	<u>Initial</u>	The initial
5	For SIRD	For the SIRD

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5	available in several	available on several
5	as reliable	as a reliable
5	equations in a	equations into a
6	the epidemics course	the epidemic's course
6	Estimation the	Estimation of the
6	are centred rolling	is centered on rolling
6	are centred rolling	are centered rolling
6	computation are made	computation is made
6	pertaining to	About
7	having significant	having a significant
7	based on mathematical	based on a mathematical
7	as more	as a more
7	the epidemics course	the epidemic's course
7	is modified	is a modified
7	ought not be	ought not to be

Comments to Editor:

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

Reviewer 2: --

- 1. The paper should be written in JMCMS Journal format.
- 2. References and in-text citations are not in JMCMS Journal 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. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

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

Reviewer 3: --

- 1. The 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. The Introduction and conclusion are needed to be Modified in accordance to fulfill the paper's aim.
- 4. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

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

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