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SOME EFFICIENT MATHEMATICAL PROGRAMMING TECHNIQUES FOR BALANCING EQUATIONS OF COMPLEX CHEMICAL REACTIONS

Reviewer 1: --

1. In several sections sentences have spelling and grammar mistakes, which need to be corrected.
2. In several sections sentences have a space problem, which needs to be corrected.
3. Proper sentence construction in several sections to be modified.

Page No.	Actual	Suggested
1	*Require*	*requires*
1	*simple level but at advanced level*	*simple level at an advanced level*
1	*For the complex*	*a simple level at an advanced level*
1	*provide case*	*provide a case*
1	*see performance*	*see the performance*
1	*Advantages*	*The advantages*
1	*future.*	*the future.*
2	the things	things
2	for solution	for the solution
2	modelling	modeling
2	in initial	in the initial
2	chemical reaction	the chemical reaction
2	get result	get the result
2	in chemical reaction	in the chemical reaction
2	of feasible as well as heavenly	of a feasible as well as a heavenly
2	remain same	remain the same
2	concept	concepts
2	yields	yield

2	Thee extensions	The extensions
2	of algorithm	of an algorithm
2	in the	at the
2	non-trivial	the non-trivial
2	for ability	for the ability
3	software were	software was
3	Equation	the equation
3	based	is based
3	Division	the division
3	software were	software was
3	Process	the process
3	in future	in the future
3	Complexity	complex
3	chemical reaction	a chemical reaction
3	number of atoms	the number of atoms
3	charge are	charge is
3	is skeleton	is a skeleton
4	of LA	of the LA
4	in number of	in the number of
4	Homogeneous	a homogeneous
4	is sum	is the sum
4	over all	overall
4	For mathematical	For the mathematical
4	same, and additionally	same, and additionally,
4	reach at the	reach the
4	which are	that are
4	chemical reaction	the chemical reaction
4	Gauss	the Gauss
5	softwares	software
5	on reactant	on the reactant
5	given	the given

5	Phase-I objective function as minimize	a Phase-I objective function to minimize
5	optimal solution of	optimal solution for
5	Original problem is infeasible if optimal solution of Phase-I have	The original problem is infeasible if the optimal solution of Phase-I has
5	find optimal	find the optimal
5	***complexity of algorithm***	*the complexity of an algorithm*
5	form consistent with mathematical	a form consistent with the mathematical
7	upon its	in its
8	algorithms has been	algorithms have been
8	the linear	linear
8	finds the	find the
8	in the steps	in steps
8	at tenth	at the tenth
8	higher number	a higher number
10	higher number	a higher number
10	LP-2P	the LP-2P
10	The similar	The similar
10	LA-GE	the LA-GE
10	higher number	a higher number
10	the computer	computer
11	Exhaustive	An exhaustive
11	Computational	The computational
11	LP-2P	the LP-2P
11	was more	was a more
11	LA-GE	the LA-GE
11	using computer	using a computer
11	LP-2P	the LP-2P
11	fir	for

Comments to Editor :

1. After modifying the content, the paper 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.

4. Authors are advised that the Introductory section should be specific

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

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, which is not showcased in this paper.

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.]