**Tips for author editing:**

1. "Mathematics subject classification", "Author Contributions", "Conflict of Interest" are mandatory items for all articles.

2. Please number all mathematical equations consecutively throughout each submission by (1), (2), (3) ⋯ instead of counting each section by (1.1), (1.2) ⋯. Please number mathematical equations consecutively in appendix by (A1), (A2), (A3) ⋯ instead of (7.1), (7.2) ⋯.

3. Please number all theorems, lemmas, corollaries, assumptions, definitions, tables, figures, algorithms etc. respectively consecutively throughout your article, i.e. Theorem 1, Theorem 2 ⋯, Lemma 1, Lemma2 ⋯. Algorithm1, Algorithm 2 ⋯ instead of Theorem 1.1, Theorem 2.2 ⋯, Lemma 3.1, Lemma3.2 ⋯. Algorithm 2.1, Algorithm 2.2.

4. All Theorems, Axiom, Lemmas, Corollarie，Propositions are expected to use italic environment while all Definitions, Assumption，Remarks, Conditions，Results, Problems，Examples，Properties and Algorithms are expected to use Roman environment.

5. Please set all vectors, tensors, matrix (name), set (name) and other mathematical variables as italics instead of roman.

6. Reference citations in the text should be identified by numbers in square brackets according to its order in reference list.

   *An example*:

   Optimization problems could be applied in various fields, for example, see Geddes [3] and Strub [7]. In recent years, robust optimization has emerged as a remarkable deterministic framework in this field, we refer readers to the papers Kingma [5] and Powell [6] and references therein. In Ding [2], authors established robust solutions for a problem with data uncertainty in constraints. In Cartwright [1], the author studied related optimality conditions and duality theorems. Using the idea of the affine scaling method based on Wen [8], a new algorithm was proposed in He [4].

   Reference list entries should be alphabetized by the last names of the first author of each work. Some examples:

   [1] Cartwright, J.: Big stars have weather too. IOP Publishing Physics Web. http://physicsweb.org/articles/news/11/6/16/1, Accessed on 26 June 2007

   [2] Ding, C., Li, T., Peng, W., Park, H.: Orthogonal nonnegative matrix factorizations for clustering. In: The Proceedings of the Twelfth International Conference on Knowledge Discovery and Data Mining, pp. 126-135. ACM Press, Philadelphia (2006)

   [3] Geddes, K.O., Czapor, S.R., Labahn, G.: Algorithms for Computer Algebra. Kluwer, Boston (1992)

   [4] He, J., Zhang, L., Fu, X.: Fair but risk? Recycle pricing strategies in closed-loop supply chains. Int. J. Environ. Res. Public Health (2008). https://doi.org/10.3390/ijerph15122870

   [5] Kingma, D., Ba, J.: Adam: a method for stochastic optimization (2017). arXiv:1412.6980v9

   [6] Powell, M.J.: A method for nonlinear constraints in minimization problems. In: Fletcher, R. (ed.). Optimization, pp. 283–298. Academic Press, Pittsburgh (1969)

   [7] Strub, M.S.: Advances in Portfolio Selection: Reference Points, Conditional Value-at-Risk, Mean- Variance Induced Utility Functions and Predictable Forward Processes. PhD thesis, The Chinese University of Hong Kong, Hong Kong (2018)

   [8] Wen, Z., Yin, W.: A feasible method for optimization with orthogonality constraints. Math. Program. **142**(1), 397-434 (2013)

7. All tables and figures are expected to be referenced and should be set after they are first referenced. The three threads for all tables are as following: the upper and bottom threads are thicker than middle one.

8. All algorithms are expected to use Roman environment with a three-

thread table except those lasting more than one page. The algorithm title is between the first and second lines, and contents of the Algorithm is between the second and third lines and Please mark the algorithm line with " i, ii, iii, iv, v, vi…" or "Step 1 Step 2 Step3…".

9. Those "R" representing for the set of real number, those "N" representing for the set of all nonnegative integers, those "Z" representing for the set of integers, those Q representing for the set of rational numbers, Those C representing for Complex sets, should use \mathbb format.

10. Please denote mathematical expectation by $E$ (\italic format, no \bold, no \mathbb).

11. Those "e" representing natural logarithm should be set in standard form instead of italic.

12. Those "d" representing differential mark should be set in standard form instead of italic.

13. Please set all superscript "T" representing transposed mark as $\mathbf{A}^\top$ instead of $\mathbf{A}^\mathrm{T}$

14. Please use the following form for all numbers more than three digit: 123 456.234 678, i.e. numbers should be grouped by three with the decimal point as start. Please pay more attention to those numbers in figures and tables, they should be grouped too.

15. Please use "\leqslant" and "\geqslant" in the source file for the

mathematical symbol "less than or equal to" and "more than or equal to" respectively instead of "\leq" and "\geq".

16. Please use \varnothing instead of \emptyset.

17. Please use \cdots instead of \ldots.

18. Please use \varepsilon instead of \epsilon.

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