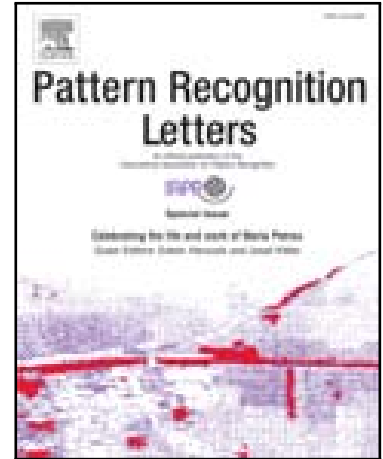


Accepted Manuscript

A New Accelerated Proximal Gradient Technique for Regularized Multitask Learning Framework

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PII: S0167-8655(17)30220-9
DOI: [10.1016/j.patrec.2017.06.013](https://doi.org/10.1016/j.patrec.2017.06.013)
Reference: PATREC 6852



To appear in: *Pattern Recognition Letters*

Received date: 20 October 2016
Revised date: 27 March 2017
Accepted date: 15 June 2017

Please cite this article as: Mridula Verma, K.K. Shukla, A New Accelerated Proximal Gradient Technique for Regularized Multitask Learning Framework, *Pattern Recognition Letters* (2017), doi: [10.1016/j.patrec.2017.06.013](https://doi.org/10.1016/j.patrec.2017.06.013)

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Highlights

- A new accelerated gradient method for regularized multi-task learning framework.
- It is the first time that the combination of the extra-gradient and the inertial term is analyzed for Multitask Learning problem.
- Convergence and stability of the algorithm has been proved under specified conditions.
- Experiments are conducted on three real multitask regression and two multitask classification datasets.
- Algorithm outperforms earlier methods in terms of empirical convergence rate, standard accuracy measures and computational time.

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