

Reviewer 2's Comments

In my opinion, I recommend this paper to be published in British Journal of Mathematics & Computer Science if answer my question as the following:

1. The first inequality in page 8, why $\|(u_n - u_{n-1}) - \lambda_n (Au_n - Au_{n-1})\| \leq \|u_n - u_{n-1}\|$?
2. The first inequality in page 9, why $\|\theta T y_{n-1}\| \leq \|\theta T w_{n-1}\|$?

Below there are also suggestions how to improve the presentation of results of the paper:

- (1) Page: 2, line 6, please check comma
- (2) Page: 2, line -1, -3 and -5 and Page: 3, line 3, "K" should be "C"
- (3) Page: 3, line 15, 22, 25 and 27 and Page: 7, line -9 delete comma
- (4) Page: 3, line 29, Page: 10, line 19, Page: 14, line 6 and 20, Page: 15, line -5, adding "."
- (5) Page: 7, line -3, "(3.10)" should be "(3.11)"
- (6) Page: 8, line 4 and 5, " $-\lambda_n (Au_n) - Au_n$ " should be " $-\lambda_n (Au_n - Au_n)$ "
- (7) Page: 8, line 10 and 11, " (v_n) " should be " v_n "
- (8) Page: 8, line 10 and 11, " $B_1 v_n$ " should be " $B_1 v_n$ "
- (9) Adding the following inequality in your preliminaries: $\|x+y\|^2 \leq \|x\|^2 + \langle x, x+y \rangle$
- (10) Page: 10, line 18, -1 and -3, Page: 11, line 3, Page: 12, line -1, -3, -7, -10, -14, -18 and -19, Page: 13, line 15-18, 20-21, " $\alpha_n M_1$ " should be " $2 \alpha_n M_1$ "
- (11) Page: 11, line 11, " $-\|u_n - z_n - \lambda_n\| \|Au_n - x^*\|^2$ " should be " $-\|u_n - z_n - \lambda_n (Au_n - x^*)\|^2$ "
- (12) Page: 11, line 12, 13, 15 and -2, Page: 12, line 13, -2, -4, -9, -12 and -16 " $Au_n - z_n$ " should be " $Au_n - x^*$ "

Author's Response and Revision

1. Thanks for your kindness. We really appreciate your advice. The comments on manuscript are all considered and corrected. The first question we had considered carefully before we submitted this manuscript. Because $\lambda_n \subset (0, 2\alpha)$, we have

$$\begin{aligned}
& \| (u_n - u_{n-1}) - \lambda_n (Au_n - Au_{n-1}) \| \\
&= \| u_n - u_{n-1} \|^2 - 2\lambda_n \langle Au_n - Au_{n-1}, u_n - u_{n-1} \rangle + \lambda_n^2 \| Au_n - Au_{n-1} \|^2 \\
&\leq \| u_n - u_{n-1} \|^2 - \lambda_n (2\alpha - \lambda_n) \| Au_n - Au_{n-1} \|^2 \\
&\leq \| u_n - u_{n-1} \|
\end{aligned}$$

2. Thanks for this information. This is a written mistake, in the paper $\| \theta T w_{n-1} \|$ should be replaced

$\| \theta T y_{n-1} \|$. We have modified this question in the paper.

3. We really appreciate your reminding. We have corrected all the language errors and the problems of (1)- (12) in the revised paper. Thanks again for your kindness and advice. The authors are extremely grateful to the referee and the editor for their useful corrections.