We would like to thank the four reviewers for their feedback.

● ● ● **Novelty**:

Reviewer 5: We thank the reviewer for valuable comments and references. We would like to make the following clarification regarding the difference with MISO, which is not only a modest modification:

Stationary Measure:

Reviewer 9: We thank the reviewer for the useful comments. Our point-to-point response is as follows:

Exact Surrogate Minimization:

Proof Techniques:

Reviewer 35: We thank the reviewer for valuable comments. We clarify the following point on the experiments:

Numerical Experiments:

Reviewer 50: We thank the reviewer for the valuable comments and typos. Below we address your concerns about our novelty:

Comparison with MC-ADAM:

Reviewer 90: We thank the reviewer for the interest in our contribution. We also precise the following:

Comparison with baselines: