

1 We thank the reviewers for their helpful comments. Please find below our responses.

2 **Reviewer 1:** Thank you for your helpful feedback. We will add additional discussion to the paper to give more intuition
3 for the potential function, and we will add some experiments illustrating its behavior. (In footnote 6 we give an example
4 showing that a natural alternative to our potential, namely consecutive “gradient” norms $\|(F_{\mathcal{G}}(\mathbf{z}^{(t)}), F_{\mathcal{G}}(\mathbf{z}^{(t-1)}))\|$, will
5 not suffice as a potential function.)

6 **Reviewer 2:** Thank you for your helpful feedback. We will update the discussion around Theorem 7 to state the
7 complementary fact (and refer to the appropriate references) that for a fixed problem instance the last iterate has linear
8 convergence and so eventually becomes better than the averaged iterate.

9 **Reviewer 3:** Thank you for your helpful feedback. We will add a reference to the CDC 2017 paper.