

1 Introduction

We wish firstly to thank the anonymous reviewer and the named reviewer, Pavel Sakov, for their helpful comments and critique once again. At request of Pavel Sakov, we have introduced an additional Figure 4 in the current draft to demonstrate the differences in the analyses of the SIEnKS and the Lin-IEnKS. We believe that this new figure is indeed a helpful demonstration of our concept, and we have introduced some additional minor changes to the language in the text to emphasize the differences in the analyses demonstrated in the new figure. Note, we have not currently formatted the two diagrams of the SIEnKS and the Lin-IEnKS side-by-side as Pavel Sakov requested, though we expect all figures to have some minor revisions to their formatting for a two-column layout and we will address this formatting for the final version. Changes to the manuscript are highlighted in a LaTeX diff file in the supplementary documents.