

A Note from the Editors:

Mathematica Militaris issued its first publication in 1989 and has since served as a forum for exchanging ideas, views, experiences, and faculty research concerning mathematics education at the five Federal Service Academies. We are excited to share this year's articles that include submissions from faculty of the United States Naval Academy and the United States Military Academy.

In this volume, COL Michael Yankovich and Dr. Chris Arney discuss the importance of modernizing post-secondary education through the incorporation of complexity analysis into the classroom. This article is followed by MAJ Michael Seminelli's discussion regarding the promotion of "growth mindset" with students, particularly those who struggle with fundamental concepts of mathematics. Other articles in the publication include discussions about inquiry-based learning, survey-based course design, oral quizzes, financial mathematics, and dynamic learning. This volume also marks the first time Mathematica Militaris has been published via the United States Military Academy's digital commons repository of academic work.

We would like to thank the following individuals for volunteering their time to review articles submitted to Mathematica Militaris: Ms. Heather Seminelli, MAJ Michael Seminelli, Dr. Michael Steward, Dr. Brian Allen, LTC Stanley Florkowski, Dr. Gregory Dungan, and Dr. Mee Seong Im.

We are excited to share what faculty across the service academies are doing inside and outside of the classroom and we look forward to future submissions to continue to make this a relevant journal for the sharing of ideas and future collaboration efforts.

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