Curriculum Vita
08/2024

Instructor: (Padmapani Seneviratne, Professor)
Academic Department: Mathematics

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EDUCATION

Ph.D., Clemson University, 2007.
M.S., Clemson University, 2003.

TEACHING EXPERIENCE

09/01/2023 - Present, Professor, Texas A&M University-Commerce.
09/01/2017 - 08/2023, Associate Professor, Texas A&M University-Commerce.
09/01/2014 – 08/2017, Assistant Professor, Texas A&M University-Commerce.
08/15/2007 - 08/2014, Assistant Professor, American University of Sharjah.

PUBLICATIONS

Recent Publications:

1. Padmapani Seneviratne, Hannah Cuff, Alexandra Koletsos, Kerry Seekamp, Adrian Thananopavarn, “New qubit codes from multidimensional circulant graphs”, Discrete Mathematics, (2024), vol.347, Issue 7, 114058,
2. P. Seneviratne and Martianus Frederic Ezerman, “New quantum codes from metacirculant graphs via self-dual additive F4-codes”, Advances in Mathematics of Communications, 2023, vol.17, Issue 1: 288-297. Doi: 10.3934/amc.2021073
3. P. Seneviratne and Taher Abualrub, “New linear codes derived from skew generalized quasi-cyclic codes of any length”, Discrete Mathematics, (2022), vol. 345, Issue 11, 113018. https://doi.org/10.1016/j.disc.2022.113018

4. Srinivasulu, B., Seneviratne, P. “Z2Z2[u4]-cyclic codes and their duals”. Comp. Appl. Math. (Springer) 41, 172 (2022). https://doi.org/10.1007/s40314-022-01872-9
5. Fellah, N., Guenda, K., O¨ zbudak, F. and P. Seneviratne, “Construction of self dual codes from graphs”, Applicable Algebra in Engineering, Communication and Computing (Springer), AAECC, (2022), https://doi.org/10.1007/s00200-022-00567-2.

RESEARCH GRANTS AND AWARDS

- 2024 – H.M. Lafferty Distinguished Faculty Award for Scholarship and Creative Activity.
- 2023 – Researcher of the year, TAMUC annual research awards.
- 2023 – 2026, REU Site: Theoretical and Application-Driven Mathematics, National Science Foundation (DMS 2243991),$385,387. (Role: PI)
- 2020, Mathematical Association of America-NREUP grant (funded by the NSF Grant DMS-1652506), $27,500.(ROLE: Co-PI).
- 2018, Mathematical Association of America-NREUP grant (funded by the NSF Grant DMS-1652506), $27,500.(ROLE: Co-PI).
- 2016/2017, Faculty Research Enhancement Project Grant, TAMUC, $9880, (Role: PI)