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Title of Poster Presentation: The Aggregates of George Cantor

Abstract:

This is a poster presentation of my research project entitled "The Aggregates of George Cantor" supported by the BMCC/CUNY Mathematics Department MSEIP Student Research Program. The project recalls the work done by the German mathematician George Cantor (1845-1918) in the field of set theory. It examines some of the basic ideas of set theory such as: finite and infinite sets, cardinal numbers, equivalency between sets, using a historical approach which includes proofs of set theorems. This approach emphasizes the outstanding accomplishment of George Cantor, providing an example of his mathematical creativity.