1163-34-40   **Min Wang*** (`mwang23@kennesaw.edu`). *On the resilience of a fractional compartment model.*
In this talk, we consider the resilience problem for a type of fractional compartment models by studying an equivalent boundary value problem. A series of criteria on the existence, uniqueness, and multiplicity of solutions or positive solutions are obtained. Examples are given to demonstrate the applications of the results as well. (Received July 24, 2020)