1145-49-80   **S. Melike Aydogan*** (`aydogansm@itu.edu.tr`), Istanbul Technical University, Department of Mathematics, Maslak, 34467 Sarıyer/Istanbul, 34467 Istanbul, Turkey. *On Two Fractional q-Derivative Inclusions.* Preliminary report.

There are a lot of works on fractional differential equation. One of the fractional derivations is q-difference type. On the other hand, fractional differential inclusions are strong generalization for fractional differential equations. In this talk, we investigate the existence of solution for two fractional q-derivative inclusions. (Received July 24, 2018)