1133-35-282   **Roberto Triggiani*** (`rtrggani@memphis.edu`), 160 Ascot Park Common Drive, Memphis, TN 38120. *Fluid-viscoelastic plate interactions: analyticity, spectral analysis, uniform stability.* Preliminary report.

We consider a heat-viscoelastic plate interactions with coupling at the interface between the two media on high boundary conditions of the plate. We show that the resulting coupled system generates a s.c.semigroup of contractions in the natural state space, which moreover is analytic. Furthermore it is uniformly stable. A spectral analysis description is also given (Received July 29, 2017)