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**Jing Zhang\*** (jizhang@vsu.edu), 506 Green Garden Circle, Chester, VA 23836. *Min-Max Game Problem for Elastic and Visco-Elastic Fluid Structure Interactions*. Preliminary report.

We present the features of min-max problem for a linear fluid-structure interaction model in both elastic and visco-elastic cases, with control and disturbance exercised at the interface between the two media. The saddle point solutions are expressed in a pointwise feedback form, which involves a Riccati operator satisfying a suitable non-standard Riccati equation. (Received August 12, 2015)