On the Well-posedness of Differential Mixed Quasi-Variational-Inequalities

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Abstract: In this talk, we propose the well-posedness and the well-posedness in the generalized sense of (DMQVI) in Hilbert spaces. The well-posedness results, not only show us the properties of (DMQVI); but also it gives us an outlook to the convergence analysis of the solution of (DQMVI). Using these concepts we show the relation between metric characterizations and well-posedness of (DQMVI). Then we prove that the solution set of (DMQVI) is compact, if the problem (DMQVI) is well-posed in the generalized sense.