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\*\*Coderivative Analysis of Quasi-Variational Inequalities in Asplund Spaces.\*\*

We study quasi-variational inequalities in the framework of Asplund spaces, with parameters entering both single-valued and multivalued parts of the corresponding generalized equations in the sense of Robinson. The main tools of our variational analysis involve coderivatives of solution maps to quasi-variational inequalities, which allow us to obtain efficient conditions for robust Lipschitzian stability of quasi-variational inequalities and also to derive new necessary optimality conditions for mathematical program with quasi-variational constraints. (Received September 22, 2011)