Talk announcement

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On generalized differentiation and Lipschitzian properties of implicitely given multifunctions

In this talk we first present some well-known concepts of generalized differentiation for set-valued mappings and show how the requirement of the regularity of the partial derivative in the classical Implicit Function Theorem can be generalized to the multi-valued case. In the second part we study some recent results on Lipschitzian properties of implicitely given multifunctions like the Aubin property or calmness.