

Implicit mapping theorem for sprays and its applications in Oka theory (based on paper by Kusakabe)

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We shall recall some equivalent definitions of Oka manifolds and, following Kusakabe, present the proof of the equivalence of two of them by using the main result of Kusakabe, Y., *An implicit function theorem for sprays and applications to Oka theory*, Internat. J. Math., 31(9):2050071, 9, 2020, which is an implicit mapping theorem for dominating sprays over holomorphic maps from Stein spaces to complex manifolds.