

Global solvability for first order real linear partial differential operators with a semi-hyperbolic singular point

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In previous articles, the authors provided sufficient conditions for global solvability of linear differential operators defined on a n -dimensional manifold, with real principal part, under the hypothesis of the existence of one hyperbolic singular point. In this work, for $n = 2$, we extend the result for non-degenerate singular semi-hyperbolic point.