A RUNGE THEOREM FOR SOLUTIONS OF FIRST-ORDER EQUATIONS IN TWO VARIABLES

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Abstract. We show an approximation theorem of Runge type for solutions of the equation $Lu = Au + B\bar{u}$ where L belongs to a class of degenerate elliptic hypocomplex planar vector fields and $A, B \in L^p$.

Based on the work [1].

References

[1] C. Campana and J. Hounie. A Runge theorem for generalized analytic functions. *Math. Nachr.*, 2023. DOI: 10.1002/mana.202100011.

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