

Asymptotic growth analysis of some PDEs related to higher dimensional Cauchy-Riemann equations

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Abstract.

Generalizations of several classical fundamental results from Wiman–Valiron theory within the framework of Clifford analysis will be presented. Building on these generalizations, the asymptotic growth of solutions to certain partial differential equations associated with higher-dimensional Cauchy-Riemann equation will be investigated. (Joint work with D. Constaes and R.S. Kraußhar.)