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| | **abstract** | | **abstract** | An $L^2$ version of the Serre duality on domains in complex manifolds involving duality of Hilbert space realizations of the $\bar{\partial}$-operator is established. This duality is used to study the solution of the $\bar{\partial}$-equation with prescribed support. Applications are given to $\bar{\partial}$-closed extension of forms, as well to Bochner-Hartogs type extension of CR functions.Comment: Typos corrected and new references added. To appear in the Transactions of the AM | | |
| | **versions** | | **versions** | | | |