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Canonical almost complex structure on a complex manifold

Proposition 1.55. *For every complex manifold M , there is a canonical complex structure on TM , denoted by $J_M : TM \rightarrow TM$. If N is another complex manifold and $F : M \rightarrow N$ is a smooth map, then F is holomorphic if and only if*

(1.19)
$$DF \circ J_M = J_N \circ DF.$$

unique?

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