

Oka manifolds and polynomially convex sets
(based on works by Forstnerič, Kusakabe, and
Wold)

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We introduce the notion of Oka manifold and discuss its equivalent (older and new) definitions, basic properties, and give several examples. Finally, we prove the recent result by Kusakabe (2020) and Forstnerič and Wold (2020) that the complement of compact polynomially convex set in \mathbb{C}^n for $n > 1$ is an Oka manifold.