

# The Oka-Grauert-Gromov Principle: Past and Future

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**Abstract:** This will be a survey starting from the classical result of Oka in 1939 then move onto the extension by Grauert in the 1957/58 and by Gromov in 1989. The more recent works by Forstneric/Prezelj, Larrusson, Henkin/Leiterer (late 1990 to early 2000) will also be surveyed. Another direction to be discussed is the Oka Principle with growth by Cornalba/Griffiths and the recent works of Maican and myself. A number of applications will be presented leading to some speculations of what we might look into in the future.