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A proof of the Ohsawa-Takegoshi theorem with sharp estimates.
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Recently sharp estimates for the Ohsawa-Takegoshi theorem were found by Blocki and Guan-Zhou, and applied to the Suita conjecture. Recent work of Blocki and Lempert gave another proof of the Suita conjecture based on plurisubharmonic variation of Bergman kernels. We will show how this method generalizes to fairly general versions of the Ohsawa-Takegoshi theorem. (Joint with L Lempert.)