

On Toeplitz localization operators

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(Submitted on 17 Jul 2011)

We present a unified approach to study properties of Toeplitz localization operators based on the Calderón and Gabor reproducing formula. We show that these operators with functional symbols on a plane domain may be viewed as certain pseudodifferential operators (with symbols on a line, or certain compound symbols).

Comments: 11 pages, 1 metapost figure

Subjects: **Functional Analysis (math.FA)**; Mathematical Physics (math-ph)

MSC classes: 47B35, 42C40, 47G30, 47L80

Journal reference: Arch. Math. 97(4) (2011), 333-344

DOI: [10.1007/s00013-011-0307-5](https://doi.org/10.1007/s00013-011-0307-5)Cite as: [arXiv:1107.3269](https://arxiv.org/abs/1107.3269) [math.FA](or [arXiv:1107.3269v1](https://arxiv.org/abs/1107.3269v1) [math.FA] for this version)

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