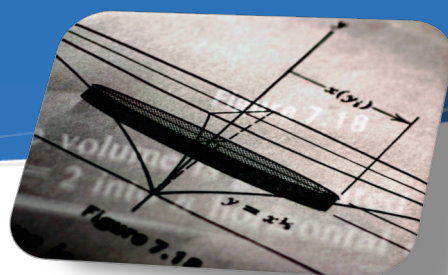# Some moment pseudodifferential type operators and their properties

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アブストラクト

In this talk we discuss the properties of moment pseudodifferential type operators for the most important sequences of moments

$\Gamma_{1/p}:=(\Gamma(1+n/p))_{n\geq 0}$, where $p\in\mathbb{N}$.

To this end we use such special functions as the exponential integral, the generalized exponential integral and the upper incomplete gamma function.

The presented results are part of a joint work with Kunio Ichinobe.

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