

# 千葉大学解析セミナー

## 講演題目

On the Borel summability of WKB solutions near a simple pole

## 講演者

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We study the Borel summability of WKB solutions of certain Schrödinger-type differential equations near a simple pole. We give explicit domains of analyticity of the Borel transforms, study their singularities, and provide connection formulae across Stokes curves. As a consequence, we show the resurgence properties of the late coefficients in the WKB expansions.

日時：2019年11月6日（水曜日）

16時10分～17時30分

場所：理学部2号館1階105号室