

## **Perspectives on the truncated Wigner approximation**

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The semiclassical Egorov theorem approximates the quantum propagation of observables with classical symbol propagation. The truncated Wigner approximation can be viewed as a corollary of this fundamental result. We address corrections to the truncated Wigner approximation, alternative choices for the initial sampling distribution, and its recent extension to finite-dimensional systems. The talk is based on joint work with Oliver Schwarze (TU München).