WITTSTEN, Jens (Kyoto)

Title:

"Semiclassical analysis in the study of hyperbolic dynamical systems"

Abstract:

In recent years, it has been realized that hyperbolic dynamical systems are naturally studied within the framework of microlocal and semiclassical analysis. We will discuss this connection and outline the main ideas by considering a few select examples. We also talk about the semiclassical calculus that one is led to consider in each case.