

Spectral analysis of Friedrichs systems (i)

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Abstract

Hilbert space theory of Friedrichs systems has led to some significant results in the last two decades. We plan to organise a series of lectures in the direction of spectral analysis of Friedrichs systems.

In this talk, we shall see a suitable version of boundary triples for abstract Friedrichs operators (and naming as such). As a first step, we shall see an extension theory in terms of boundary triples. Some examples will be presented.