

1133-44-327

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This talk is the second part of the talk described in the abstract 1133-44-221. We consider the general case when spectral analysis of the corresponding FHTs with multiple intervals is based on the technique of the Riemann-Hilbert Problem (RHP). The case of the separated (disjoint) intervals corresponds to the discrete spectrum of the FHTs; it has been sufficiently studied in the literature. Here we study the case of the adjacent intervals, which gives rise to a continuous spectrum. In this situation the challenge starts with (approximate) solving of the corresponding RHP, followed by using this solution to study the spectral properties we are interested in. We will report the current progress in our work. (Received July 31, 2017)