INVERTIBILITY CHARACTERIZATION OF WIENER-HOPF PLUS HANKEL OPERATORS VIA ODD ASYMMETRIC FACTORIZATIONS

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Abstract. The invertibility of Wiener-Hopf plus Hankel operators with essentially bounded Fourier symbols is characterized via certain factorization properties of the Fourier symbols. In addition, a Fredholm criterion for these operators is also obtained and the dimensions of the kernel and cokernel are described.

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