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Quantitative
Modeling
In
Parallel
Systems

On the Identification of Wiener-Hopf Factors

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Abstract This note is concerned with the identification of the Wiener-Hopf factors of a function $1 - f$, where f generates an aperiodic distribution on the integers with a negative mean. The general and rational cases are addressed. We give a concise summary of the main practical facts needed for calculations involving the Wiener-Hopf factors. The basic facts are cited from the literature, but a few aspects are briefly proven here.

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