



Polar Codes with Mixed Kernels

Noam Presman, Ofer Shapira, Simon Litsyn

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A generalization of the polar coding scheme is proposed. It exploits several homogeneous kernels over alphabets of different sizes. An analysis of the introduced scheme is undertaken. Specifically, asymptotic properties of the polarization are shown to be strongly related to the ones of the constituent kernels.

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Noam Presman
Ofer Shapira
Simon Litsyn

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