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Entropy-like functionals: conceptual background and some results

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Abstract: We describe a conceptual approach which provides a unified view of various entropy-like functionals on the class of semimetric spaces, endowed with a bounded measure. The entropy E considered in the author's previous articles is modified so as to assume finite values for a fairly wide class of spaces which fail to be totally bounded.

Keywords: entropy-like functionals, Hartley value of a piece of information, moderate E -entropy

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