

Jan Ćerych

*On essential sets of function algebras in terms of their orthogonal measures*

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**Abstract:** In the present note, we characterize the essential set of a function algebra defined on a compact Hausdorff space  $X$  in terms of its orthogonal measures on  $X$ .

**Keywords:** compact Hausdorff space  $X$ , the sup-norm algebra  $C(X)$  of all complex-valued continuous functions on  $X$ , its closed subalgebras (called function algebras), measure orthogonal to a function algebra

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