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IRREDUCIBLE MAPPING AND THE LIGHTNESS OF OPEN MAPPINGS

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Abstract. We study continua with the property that each nonconstant open mapping is light. We define a large class of continua and show that each member of this class has this property. In this class we present an arcwise connected continuum which can be mapped under an irreducible mapping onto a continuum admitting a nonconstant non-light open mapping. Two closely related questions are answered.

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