AXIOMS FOR THE REDUCED LEFSCHETZ NUMBER OF SOME MULTIVALUED MAPS

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Abstract. Arkowitz and Brown [2] presented the system of four axioms characterizing the reduced Lefschetz number. We show that the number of axioms can be reduced to three. Then, we present an analogical system of axioms characterizing the reduced Lefschetz number in a category which morphisms are closely related to multivalued maps.

Key Words and Phrases: Lefschetz number, multivalued map.

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