ANOTHER FORM OF NANO TOPOLOGY VIA RING STRUCTURE

M. LELLIS THIVAGAR1 AND V. SUTHA DEVI2

Abstract. The theory of nano topology was proposed by Thivagar in 2012. The aim of this paper is to establish a relationship between nano topology and ring theory. We shall introduce the notion of nano subring (resp. ideal) with respect to an ideal of a ring which is an extended notion of a subring (resp. ideal) in a ring, and we shall give some properties of the lower, upper approximations and boundary in a ring.

References


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1,2 School of Mathematics, Madurai Kamaraj University, Madurai -625021, Tamilnadu, India.
E-mail address: 1 mlthivagar@yahoo.co.in, 2 vsdsutha@yahoo.co.in

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