

عنوان مقاله:

ON THE TOROIDAL ANNIHILATING-IDEAL GRAPHS OF A LATTICE

محل انتشار:

اولین همایش ملی پژوهش های کاربردی نوین در علوم پایه (سال: 1396)

تعداد صفحات اصل مقاله: 11

نویسندگان:

KHADIJEH. AHMADJAVAHERI - *Department of Mathematics, Bandar Abbas Branch, Islamic Azad University, Bandar Abbas, Iran*

ATOSSA PARSAPOUR - *Department of Mathematics, Bandar Abbas Branch, Islamic Azad University, Bandar Abbas, Iran*

خلاصه مقاله:

Let $(L; \wedge, \vee)$ be a lattice with a least element 0. The annihilating-ideal graph of L , denoted by $AG(L)$, is a graph whose vertex set is the set of all non-trivial ideals of L and, for every two distinct vertices I and J , the vertex I is adjacent to J if and only if $I \wedge J = \{0\}$. In this paper, we study the toroidality of the annihilating-ideal graphs of finite lattices.

کلمات کلیدی:

Annihilating-ideal graph, Genus, Lattice, Toroidal graph

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/652426>

