

## THE UP-ISOMORPHISM THEOREMS FOR UP-ALGEBRAS<sup>1</sup>

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### Abstract

In this paper, we construct the fundamental theorem of UP-homomorphisms in UP-algebras. We also give an application of the theorem to the first, second, third and fourth UP-isomorphism theorems in UP-algebras.

**Keywords:** UP-algebra, fundamental theorem of UP-homomorphisms, first, second, third and fourth UP-isomorphism theorems.

**2010 Mathematics Subject Classification:** 03G25.

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<sup>1</sup>This work was financially supported by the University of Phayao.

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Received 3 January 2019  
 Revised 12 February 2019  
 Accepted 14 February 2019