

## 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.

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