

**CONVERGENCES IN JW-ALGEBRAS AND IN
THEIR ENVELOPING VON NEUMANN ALGEBRAS***A. K. Karimov*

We study properties of different convergences in JW-algebras with a faithful normal state. The relationship between these convergences and similar convergences in enveloping von Neumann algebras is established. Based on this, ergodic theorems are proved.

Key words and phrases: convergence, enveloping algebra, ergodic theorem.

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