



**RESEARCH ON THE LIMIT OF INTERVAL
NUMBER SEQUENCES**

Bing Dai And Yu-e Bao

Received October 20, 2016

Abstract

Established a new expression of sequence limit concept of interval numbers, with the concept of Hukuhara difference and absolute value of interval numbers. Given necessary and sufficient conditions for the existence of the limit of interval number sequences, proved uniqueness limit of interval number sequences and closeness of summation and multiplication of interval number sequences.

Keywords and phrases: interval number, interval number sequence, interval number absolute value, Hukuhara difference, limit.

**Pioneer Journal
of Mathematics
and Mathematical
Sciences**



**Pioneer Scientific
Publisher**