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非平稳NA序列部分和的精确渐近性

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摘要 本文探讨了非平稳NA序列部分和的精确渐近性.

以前的文献在讨论NA序列此类极限性质时都附加有强平稳条件的限制,这必然会给一些问题的研究带来不便.周知,非平稳NA序列在许多实际问题中是大量存在的,所以解除强平稳条件的束缚具有较大的理论和实际意义,这正是本文的目的之所在,同时本文也将已有的一些结果包含成为特殊情形.

关键词 [非平稳](#) [NA序列](#) [部分和](#) [精确渐近性](#)

分类号 [60F15](#)

Precise Asymptotics for Partial Sums of Nonstationary NA

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Abstract In this paper, we investigate the precise asymptotics for partial sums of nonstationary NA sequences. Many authors added strictly stationary restrictions to NA sequences when they discussed such limit properties, which has inconvenienced the study of some problems. It is well known that nonstationary NA sequences exist in lots of practical situations, therefore it is of great theoretical and practical meaning to remove the strictly stationary restriction, which is just the main purpose of the present work; meanwhile, our results include some known theorems as special cases.

Key words [Nonstationary](#) [NA sequences](#) [partial sums](#) [precise asymptotics](#)

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