

论文

# ASYMPTOTICALLY EFFICIENT ESTIMATES IN ASYSTEM TREE

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**摘要** In this paper, we use the virtual system method to estimate the parameters in a system tree and obtain a series of asymptotically efficient estimates of the interesting parameters. Section 1 is an introduction to the virtual system method, and in Section 2, we extend the virtual system method to estimate the parameters of the last generation subsystems of some subsystem tree. In Section 3, we use the results of Section 2 to some examples. And the proof is in Section 4.

**关键词** [Virtual system method \(VS Method\), syste](#)

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**Key words** [Virtual system method \(VS Method\)](#) [system tree](#) [subsystem tree](#) [asymptotically efficient](#)

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