Abstract

A user scheduler method in CoMP(coordinated multi-cell processing) includes: calculating cell edge user group by *i*th base station according to user SNR; sending cell edge user groups to central scheduler and deciding a total user set; estimating and sending channel estimation to central scheduler; Reducing cell edge user candidate set based on channel correlation; Choosing users according to maximum capacity rule or weighted maximum capacity rule. The invention reduces the complexity about the multiple users scheduling in CoMP system, thus improving the system capacity and cell edge spectrum efficiency.

Fig.2 is accompanied.

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