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efficiency

Canonical name Efficiency

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Owner akrowne (2) Last modified by akrowne (2)

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Author akrowne (2) Entry type Definition Classification msc 68M20 Efficiency is a measure of parallel algorithm performance per processor. The efficiency ϕ is defined as

$$\phi = \frac{S}{N}$$

where S is the speedup associated with the algorithm and N is the number of processors.