Seminarium Zakładu Energetyki Jądrowej i Analiz Środowiska (UZ3)
Departament Badań Układów Złożonych (DUZ)
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Efficiency and scalability on computing cluster - can it be achieved?

Abstract:

The aim of the presentation is to discuss some fundamentals concerning the question of efficiency and scalability of numerical algorithms on computing cluster. The issues related to the development of such algorithms will be illustrated for the problem of solving system of linear equations with tridiagonal matrix derived from the approximation of transport linear differential equation. Application of the algorithm to finding the solutions of other partial differential equations will be also presented.

Serdecznie zapraszamy,
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