

SOME ASYNCHRONOUS ITERATIVE PROCEDURES FOR FIXED POINT SYSTEMS RESOLUTION

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Abstract. G. M. Baudet introduced asynchronous methods for multiprocessors in [1]. In this paper we present some simulated asynchronous parallel variants of classical iterative methods for fixed point systems resolution and some parallel procedures based of algorithm MIARF [5]. The programs presented in this paper for solving the fixed point system of nonlinear algebraic equations of [7] is based on the theoretical results obtained by the first author in [2], [3], [4], [5].

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