PARALLEL ITERATIVE METHODS SOLVING STRONG MIXED BVP WITH ELLIPTIC EQUATIONS.

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TÓM TẮT:

This paper considered strong mixed BVP for elliptic equations in rectangular, there occurs the transformation of Dirichlet and Neumann boundary conditions at one or more points on an edge. A parallel iterative method is proposed reduced series weakly mixed BVP . The problem is easily solved by available algorithms. Proved the convergence of the method.