THE GENERALIZED SOLUTION FOR THE NONLINEAR TIMOSHENKO SYSTEM AND ITS IMPLEMENTATION

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We consider the static deformation problem of the shell, described by the nonlinear Timoshenko equations system.

The excistence of the generalized solution for the described problem and the convergence of the projection method is proved. The numerical solution for the concrete cases is implemented in the parallel computing system and its convergence against exact solutions is shown.

References

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