# Systems of fuzzy equations in structural mechanics

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## Abstract

In this paper a review of several different methods of solution of fuzzy equations will be given, particularly:

- methods for solution of systems of linear equations with coefficients linearly dependent on a vector of fuzzy parameters (called parametric fuzzy linear systems),

- special algorithm which was designed for mathematical modelling of truss and frame structures with uncertain (interval) parameters,

- approximate method of solution of equations with interval parameters which is based on sensitivity analysis.

## References

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