

# The Proper Generalized Decomposition for Evolution Equations

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## Abstract

The Proper Generalized Decomposition [1, 2, 5, 6] or, in short, PGD is a technique that reduces calculation and storage cost drastically and presents some similarities with the Proper Orthogonal Decomposition, in short POD. The PGD is a tensor decomposition [3] based methodology. In this work, we extend our previous results of [4] for elliptic PDE's to Evolution Equations.

## References

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