

## Wrapped Eigenstructure of Chaos

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*Abstract:* Nonlinear differential equations with chaotic, i.e. with bounded, non-vanishing and noncyclic solutions will be analyzed. Two tools of analysis will be introduced: (i) the pencil of affine and nonaffine vector fields of the right hand side of nonlinear differential equation, (ii) generalized eigenstructure with curved generalized eigenvectors, and even mutually wrapped unstable generalized eigenvectors.

*Keywords:*

*AMS Subject Classification:*