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**Computing Floquet multipliers for functional differential equations.** (English) Zbl 1048.65126  
Int. J. Bifurcation Chaos Appl. Sci. Eng. 12, No. 12, 2977-2989 (2002).

**MSC:**

- 65P30 Numerical bifurcation problems
- 37M20 Computational methods for bifurcation problems in dynamical systems
- 37G15 Bifurcations of limit cycles and periodic orbits in dynamical systems
- 65L60 Finite element, Rayleigh-Ritz, Galerkin and collocation methods for ordinary differential equations
- 34K13 Periodic solutions to functional-differential equations
- 34K28 Numerical approximation of solutions of functional-differential equations (MSC2010)
- 34K20 Stability theory of functional-differential equations
- 34K18 Bifurcation theory of functional-differential equations

Cited in **13** Documents

**Keywords:**

delay differential equations; Floquet multipliers; asymptotic stability; periodic solution; bifurcations; functional differential equations; collocation; monodromy operator; dynamical system; convergence

**Software:**

COLNEW; COLSYS

**Full Text:** [DOI](#)

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