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Convergence of a semi-discrete scheme for the curve shortening flow. (English) Zbl 0811.65112
Math. Models Methods Appl. Sci. 4, No. 4, 589-606 (1994).

MSC:

- 65Z05 Applications to the sciences
- 65M20 Method of lines for initial value and initial-boundary value problems involving PDEs
- 65M06 Finite difference methods for initial value and initial-boundary value problems involving PDEs
- 65M12 Stability and convergence of numerical methods for initial value and initial-boundary value problems involving PDEs
- 37C80 Symmetries, equivariant dynamical systems (MSC2010)
- 35K15 Initial value problems for second-order parabolic equations

Cited in **23** Documents

Keywords:

semidiscretization; finite difference method; convergence; curvature flow

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