

Global and semi-global monotone solutions of advanced nonlinear differential equations with state-dependent arguments

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We study advanced nonlinear differential equations with state-dependent arguments. To prove the existence of global or semiglobal monotone solutions, bounded from below and above by exponential-type functions, a monotone iterative method is used. The new findings are illustrated with examples. Previously known results are discussed, and several open problems are formulated.

References

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