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The delay equation representation of physiologically structured population models

The interaction of a size-structured consumer population and its unstructured resource can be described by a system of two delay equations. For deriving stability conditions, and for studying bifurcation phenomena, this is very helpful, as general theory allows one to base conclusions about dynamical behaviour on an analysis of the position in the complex plane of the roots of a characteristic equation. But does this delay equation formulation also help to construct numerical solutions ?