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Cover picture Polarized light video micrographs of an isolated diatom spindle, processed in pseudocolor so that increasing values of birefringent retardation are represented by cooler colors. Top panel shows spindle as isolated, middle panel shows spindle after exogenous tubulin incorporation in the spindle midzone, bottom panel shows spindle after incubation in ATP. See the paper in this issue by Dr T. I. Baskin and Dr W. Z. Cande.