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Własności sprężyste aktyny F – Elastic features of F actin

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Regarding its common occurrence and important biological function, actin has been the subject of intense biochemical and biophysical study. The fundamental problem is determination of its structure and properties. Internal dynamics of the actin polymer has also been of considerable interest and has been hitherto studied by electron and fluorescence microscopy, dynamic light scattering and rheological studies. The paper provides a review of experimental and theoretical data concerning actin polymer.