

Interpretation of electrorotation of protoplasts. 2. Interpretation of experiments.

Gimsa, J., Fuhr, G. R., Glaser, R., 1985. *Studia biophysica* 109:5–14.

Abstract: *This paper deals with the electrorotational behaviour of protoplasts. It is related to the theoretical discussion in /5/. Protoplasts of different species (Avena sativa, Brassica oleracea, Kalanchoe daigremontiana, Daucus carota, and Solanum tuberosum) were investigated. There is evidence that both membrane systems, tonoplast and plasmalemma, respectively, influence the protoplast rotation spectrum in the range of the first resonance frequency. Types of protoplasts were classified, using theoretical and experimental data. Emphasis is put on the necessity to consider the electrorotational spectra of protoplasts as those of multi-shell spheres*

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