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Sommario/riassunto

Modern Polymer Spectroscopy provides a 'guided tour' to the state of the art in polymer analysis by vibrational spectroscopy. Five renowned experts describe new experimental and theoretical techniques. Areas of focus include:- two-dimensional infrared spectroscopy- segmental mobility of liquid crystalline polymers under external fields- dynamics and structure of polymers with chemical and structural disorder- spectra of polyconjugated conducting polymers- theoretical calculations on biopolymers. Readers learn experimental techniques and theoretical tools essential for ob
