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Titolo	Ionic Liquids, Molten Salts, and Polyelectrolytes [[electronic resource]] : Proceedings of the International Conference Held in Berlin (West), June 22–25, 1982 / / edited by K.-H. Bennemann, F. Brouers, D. Quitmann
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Nota di contenuto	Introductory address -- Ionic liquids -- The metal-nonmetal transition in ionic liquids -- Collective dynamics and transport in binary ionic mixtures -- Thermodynamics of Ionic Liquids -- The structure of ionic melts -- Structural properties of molten-salt systems -- Discontinuities of some properties of sodium ammonia solutions above the normal miscibility gap. -- The surface properties of molten salts -- Charge ordering in molten salts and in some liquid semiconducting alloys -- Hypersonic relaxation in a glass forming KNO ₃ -Ca(NO ₃) ₂ mixture -- The knight shift, resistivity and thermochemical properties of compound forming molten alloys described by chemical thermodynamics -- Electronic and structural properties of some compound-forming alkali-based alloys -- A simple model for compound forming liquid alloy systems -- ⁸ Li SPIN-Lattice relaxation in the liquid alloys Li-Bi and Li-Pb -- Correlation effects in metal ammonia systems -- Tetrahedrally coordinated ionic liquids — anomalous transport properties and geophysical significance -- Interdiffusion in a quasi-ionic liquid alloy -- Mott transition in liquid gold-alkali alloys -- Self-motion in charged liquids -- Properties of Na/S and LiAl/FeS high-performance batteries with molten salt electrolyte -- Static and dynamic properties of polyelectrolytes -- Theory of polyelectrolyte conformations -- Dynamical properties of

charged spherical brownian particles -- Nucleic acids and polyelectrolyte theory -- Diffusion of charged colloidal particles: Spatial and dynamic correlations -- Counterion binding in polyelectrolyte theory -- Effective protein-protein potential in membranes -- Equilibrium polymerization of stiff polymers.
