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STRUCTURE""; ""3.3 SPECIFIC HEAT""; ""3.3.1 Lattice specific heat""; ""3.3.2 Electronic specific heat""; ""3.3.3 Specific heat of magnetic metals""; ""4. MAGNETIC PROPERTIES""
""4.1 EXCHANGE INTERACTIONS AND THE HEISENBERG MODEL FOR LOCALIZED SPINS""""4.2 MAGNETIC SUSCEPTIBILITY OF PARAMAGNETIC TRANSITION METALS""; ""4.3 ITINERANT ELECTRON FERROMAGNETISM AND THE STONER THEORY""; ""4.4 SPIN-FLUCTUATION THEORIES""; ""4.5 ELECTRONIC STRUCTURE AND PROPERTIES OF HALF-METALLIC FERROMAGNETS""; ""4.6 MAGNETISM OF HIGHLY-CORRELATED d-SYSTEMS""; ""4.7 MAGNETISM OF RARE EARTHS AND ACTINIDES""; ""4.8 MAGNETIC ANISOTROPY""; ""4.8.1 Quenching of orbital momenta by periodic lattice potential and magnetic anisotropy of d-metals""; ""4.8.2 Magnetic anisotropy of rare earths""
""5. TRANSPORT PROPERTIES""""5.1 GENERAL CLASSIFICATION OF TRANSPORT PHENOMENA""; ""5.2 CALCULATION OF TRANSPORT COEFFICIENTS""; ""5.3 RESISTIVITY""; ""5.3.1 Electron-phonon scattering""; ""5.3.2 Mott s-d scattering mechanism""; ""5.3.3 Resistivity of magnetic metals""; ""5.3.4 Resistivity of transition metal alloys""; ""5.3.5 Two-current model of ferromagnetic metals""; ""5.4 THERMOELECTRIC POWER""; ""5.5 THE HALL EFFECT""; ""5.6 MAGNETORESISTIVITY""; ""5.7 ANOMALOUS TRANSPORT EFFECTS IN FERROMAGNETIC METALS""; ""5.7.1 The extraordinary Hall effect""
""5.7.2 Magnetoresistivity in the presence of spontaneous magnetization""""5.7.3 Magneto-optical effects""; ""6. THE KONDO EFFECT AND PROPERTIES OF ANOMALOUS d- AND f-COMPOUNDS""; ""6.1 THE ONE-CENTRE KONDO EFFECT""; ""6.2 THE KONDO TEMPERATURE FOR d-IMPURITIES""; ""6.3 SPIN DYNAMICS AND ELECTRONIC PROPERTIES OF KONDO LATTICES""; ""6.4 GROUND STATE OF THE KONDO LATTICES""; ""6.5 INTERMEDIATE VALENCE SYSTEMS""; ""6.6 MAGNETIC ORDERING IN KONDO LATTICES AND HEAVY-FERMION COMPOUNDS""; ""6.7 CURRENT CARRIERS IN A TWO-DIMENSIONAL ANTIFERROMAGNET""
""6.8 SPIN-LIQUID STATE IN SYSTEMS WITH SPIN AND CHARGE DEGREES OF FREEDOM""
