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Titolo	Symmetry of Polycentric Systems [[electronic resource]] : The Polycentric Tensor Algebra for Molecules / / by G. Fieck
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Nota di contenuto	Summary of the Wigner-Racah algebra of non-simply-reducible point groups with non-ambivalent classes -- Representations induced by polyhedral edges -- Bicentric matrices -- The matrix elements of s.-a. molecular orbitals -- Polyhedral coefficients referring to edges -- Triangular coefficients -- Triangular invariants -- Symmetry-adapted geminals and densities -- Pseudo-tetrahedral coefficients -- Two-particle interaction -- Complete bases of irreducible representations -- Transformation properties and structure of the multi-centre integrals -- Multi-centre integrals and molecular symmetry -- Ab initio determination of the polycentric invariants -- Wolfsberg-Helmholtz and Mulliken approximations -- Floating orbitals -- Overlap- and structural matrices, orthonormalization -- Many-electron systems -- Sketch of the VB picture -- Prospect of crystals -- Case study: Tetrahedral structures -- Case study: Matrix elements.