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Nota di contenuto	Characteristic Classes and Zeroth Order Pseudodifferential Operators -- Tropical Mathematics, Idempotent Analysis, Classical Mechanics and Geometry -- 1. Introduction -- 2. The Maslov dequantization -- 3. Semirings and semifields -- 4. Idempotent analysis -- 5. The superposition principle and linear problems -- 6. Convolution and the Fourier-Legendre transform -- 7. Idempotent functional analysis -- 8. The dequantization transform, convex geometry and the Newton polytopes -- 9. Dequantization of set functions and measures on metric spaces -- 10. Dequantization of geometry -- References -- A Transversal Fredholm Property for the a Neumann Problem on G-bundles -- Abrikosov Lattice Solutions of the Ginzburg-Landau Equations.