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Nota di contenuto	Contents -- Introduction -- I. Survey articles -- Uniqueness and non-uniqueness in the Cauchy problem -- Hypo-analytic structures -- II. Spectrum of operators -- The multidimensional inverse spectral problem with a periodic potential -- A subelliptic, nonlinear eigenvalue problem and scalar curvature on CR manifolds -- The heat equation for Ob -- III. Nonlinear problems -- Propagation of analyticity for solutions of non linear partial differential equations -- Nonlinear wave equations with data singular at one point -- Non linear oblique derivative problems with non smooth solutions -- Ray-like solutions of semilinear wave equations -- IV. Asymptotics -- Global and partially global operators. Propagation of singularities and spectral asymptotics -- The trace of the wave group -- Airy operator calculus -- V. Pseudodifferential operators of multiple characteristics -- A necessary condition for solvability for a class of operators with involutive double characteristics -- Approximation of systems of pseudodifferential operators -- VI. Operators on groups and homogeneous spaces -- Toward analytic pseudodifferential operators for the Heisenberg group -- Micro-hypoellipticity on step two nilpotent Lie groups -- Symbolic calculi and the duality of homogeneous spaces.

