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Nota di contenuto	a la theorie des ondelettes -- Ondelettes, filtres miroirs en quadrature et traitement numerique de l'image -- Analyse multi-echelles et ondelettes a support compact -- Une nouvelle demonstration du theoreme T(b), d'apres Coifman et Semmes -- Analyse multiechelle, vision stereo et ondelettes -- Quelques methodes temps-frequence et temps-echelle en traitement du signal -- Schema iteratif d'interpolation -- Regularite locale de la fonction "non-differentiable" de Riemann -- Transformation en ondelettes et renormalisation -- Wavelets in 1989 : An extended summary.
Sommario/riassunto	This book surveys the recent theory of wavelet transforms and its applications in various fields both within mathematics (singular integrals, localization of singularities) and beyond it, in computer vision, the physics of fractals, time-frequency analysis.

