

1. Record Nr.	UNISA996466476403316
Titolo	Geometry and analysis on manifolds : proceedings of the 21st International Taniguchi Symposium held at Katata, Japan, Aug. 23-29 and the conference held at Kyoto, Aug. 31-Sep. 2, 1987 // edited by Toshikazu Sunada
Pubbl/distr/stampa	Berlin, Germany : , : Springer, , [1988] ©1988
ISBN	3-540-45930-8
Edizione	[1st ed. 1988.]
Descrizione fisica	1 online resource (XII, 284 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1339
Disciplina	510.8
Soggetti	Global analysis (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	L ² harmonic forms on complete Riemannian manifolds -- Ricci-flat Kähler metrics on affine algebraic manifolds -- On the multiplicity of the eigenvalues of the Laplacian -- Riemann surfaces of large genus and large χ -- Cayley graphs and planar isospectral domains -- On the almost negatively curved 3-sphere -- Vanishing theorems for tensor powers of a positive vector bundle -- Decay of eigenfunctions on Riemannian manifolds -- Stability and negativity for tangent sheaves of minimal Kähler spaces -- An obstruction class and a representation of holomorphic automorphisms -- Tensorial ergodicity of geodesic flows -- Harmonic functions with growth conditions on a manifold of asymptotically nonnegative curvature I -- Density theorems for closed orbits -- L ² -Index and resonances -- Approximation of Green's function in a region with many obstacles -- Lower bounds of the essential spectrum of the Laplace-Beltrami operator and its application to complex geometry -- Fundamental groups and Laplacians.
Sommario/riassunto	The Taniguchi Symposium on global analysis on manifolds focused mainly on the relationships between some geometric structures of manifolds and analysis, especially spectral analysis on noncompact manifolds. Included in the present volume are expanded versions of most of the invited lectures. In these original research articles, the reader will find up-to date accounts of the subject.

