Global Differential Geometry and Global Analysis

By D. Ferus

Springer Jan 1981, 1981. Taschenbuch. Book Condition: Neu. 235x155x17 mm. This item is printed on demand - Print on Demand Titel. Neuware - E. B. Christoffels Einfluss auf die Geometrie.- Distance geometry in Riemannian manifolds-with-boundary.- Laplacian with a potential.- Laplacian and riemannian submersions with totally geodesic fibres.- A plateau problem with many solutions for boundary curves in a given knot class.- Ricci curvature and einstein metrics.- Smooth approximation of polyhedral surfaces with respect to curvature measures.- Invariant eigenfunctions of the laplacian and their asymptotic distribution.- The bieberbach case in gromov s almost flat manifold theorem.- Tight spherical embeddings.- Characterizations of space forms by hypersurfaces.- On graded bundles and their geometry.- Compact riemannian manifolds with harmonic curvature and non-parallel ricci tensor.- Stability of minimal submanifolds.- A generalization of Weyl s tube formula.- The X-ray transform on a symmetric space.- Visibility, horocycles, and the Bruhat decomposition.- On holomorphic connections.- Fiber parallelism and connections.- Riemannian manifolds the geodesic balls of which are near to the Euclidean balls by volume.- Tight foliations.- Minima and critical points of the energy in dimension two.- S1-actions on almost complex manifolds.- On conformal immersions of space forms.- Some remarks on elliptic equations and infinitesimal deformations of submanifolds.- The...

READ ONLINE
[2.9 MB]