C^infinity - Differentiable Spaces

By Juan A. Navarro González

Springer Okt 2003, 2003. Taschenbuch. Book Condition: Neu. 235x155x11 mm. This item is printed on demand - Print on Demand Titel. Neuware - The volume develops the foundations of differential geometry so as to include finite-dimensional spaces with singularities and nilpotent functions, at the same level as is standard in the elementary theory of schemes and analytic spaces. The theory of differentiable spaces is developed to the point of providing a handy tool including arbitrary base changes (hence fibred products, intersections and fibres of morphisms), infinitesimal neighbourhoods, sheaves of relative differentials, quotients by actions of compact Lie groups and a theory of sheaves of Fréchet modules paralleling the useful theory of quasi-coherent sheaves on schemes. 196 pp. Englisch.

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