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Nota di contenuto	Techniques of topology and differential geometry in general relativity -- A simple derivation of the general redshift formula -- Some remarks on a radiating solution of the Einstein-Maxwell equations -- Conservation laws on manifolds -- Structure of singularities -- Lattice transformations and charge quantization -- On an Einstein-Maxwell field with a null source -- The luminosity of a collapsing star -- A class of inextendible Weyl solutions -- Scaling in function spaces -- On the spherical symmetry of a static perfect fluid -- Differentiable manifolds with singularities -- Non-vacuum ADaM field equations -- General relativity as a dynamical system on the manifold a of Riemannian metrics which cover diffeomorphisms.