Nonlinear Problems in Geometry

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The papers in these Proceedings grew out of lectures given at the Special Session on Nonlinear Problems in Geometry held at the American Mathematical Society Meeting in Mobile, Alabama on May 3–4, 1985. Most of the lectures given at the meeting are represented here; in addition, some work that was invited but not presented at the meeting appears. The meeting as well as these Proceedings brought into evidence many of the directions in which the study of differential equations on manifolds is headed: elliptic problems on complete open manifolds, the long-time behavior of solutions to geometric evolution equations, and spectral theory to name a few.

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D. DeTurck