MR1126066 (92e:58066) 58F05
Arms, Judith M. (1-WA); Gotay, Mark J. (1-USNA); Wilbour, Don C. (1-WA)
Zero levels of momentum mappings for cotangent actions.
Spacetime symmetries (College Park, MD, 1988).

Summary: “We show that zero level sets of momentum mappings for cotangent actions are coisotropic, even when the momentum mapping is singular. The proof applies to both the finite- and infinite-dimensional cases. We use this result to show that vacuum Yang-Mills theory is indeed first class in the sense of Dirac.”

{For the entire collection see MR1125995 (92d:81011)}

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