Guillemin, Victor [Guillemin, Victor W.] (1-MIT); Sternberg, Shlomo (1-HRV)
The moment map revisited. (English summary)
J. Differential Geom. 69 (2005), no. 1, 137–162.

Summary: “In this paper, we show that the notion of moment map for the Hamiltonian action of a Lie group on a symplectic manifold is a special case of a much more general notion. In particular, we show that one can associate a moment map to a family of Hamiltonian symplectomorphisms, and we prove that its image is characterized, as in the classical case, by a generalized ‘energy-period’ relation.”

References

7. V. Guillemin S. Sternberg, Semi-classical analysis, to appear. MR3157301

Note: This list, extracted from the PDF form of the original paper, may contain data conversion errors, almost all limited to the mathematical expressions.

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