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Manuel de Leon* (mdeleon@imaff.cfmac.csic.es), Instituto de Ciencias Matematicas
CSIC-UAM-UC, Serrano 123, 28006 Madrid, Spain. *A geometric approach to
Hamilton-Jacobi-Bellman theory*. Preliminary report.

Presymplectic geometry permits to give an alternative description of an optimal control problem. In this presentation we will use this approach to discuss the Hamilton-Jacobi-Bellman theory. (Received February 28, 2008)