

June 15, 2007

Errata

“The Complexity of Dynamic Programming”

C.-S. Chow and J.N. Tsitsiklis,

Journal of Complexity, Vol. 5, No. 4, 1989, pp. 466-488.

Remark 4 in p. 486 states that the lower bounds of Theorems 3.1-3.3 (on the number of oracle queries required to determine J^* within ϵ) readily imply similar lower bounds for the problem of determining an ϵ -optimal function (policy) μ . While the claim is most likely to be true, using constructions similar to the ones in the proofs of Theorems 3.1-3.3, the short argument provided in the remark is not sufficient to establish the claim.