But Who will Monitor the Monitor?*

David Rahman[†]

University of Minnesota

September 6, 2010

Abstract

Consider a group of individuals in a strategic environment with moral hazard and adverse selection, and suppose that providing incentives for a given outcome requires a monitor to detect deviations. What about the monitor's deviations? In this paper I propose a contract that makes the monitor responsible for the monitoring technology, and thereby successfully provides incentives even when the monitor's observations are not only private, but costly, too. I also characterize exactly when such a contract can provide monitors with the right incentives to perform. In doing so, I emphasize virtual enforcement and suggest its implications for the theory of repeated games.

JEL Classification: D21, D23, D82.

Keywords: contracts, private monitoring, communication, costly subjective evaluation.

^{*}Alchian and Demsetz (1972, p. 782).

[†]Financial support from the Spanish Ministry of Education's Research Grant No. SEJ 2004-07861 while at Universidad Carlos III de Madrid as well as the National Science Foundation's Grant No. SES 0922253 is gratefully acknowledged. An early version of this paper was circulated under the title "Optimum Contracts with Public and Private Monitoring," which was based on Chapter 3 of my Ph.D. dissertation at UCLA. I owe many thanks to Antonio Cabrales, V. V. Chari, Harold Demsetz, Andrew Dust (for excellent research assistance), Willie Fuchs, Larry Jones, Narayana Kocherlakota, David Levine, Roger Myerson, Ichiro Obara (whose collaboration on a related paper spilled over into this one), Joe Ostroy, Bill Zame and numerous seminar audiences for insightful comments that helped me tremendously.