REVIEWS OF MODERN PHYSICS
Volume 77, Number 3, July 2005

783 Feedback for physicists: A tutorial essay on control
John Bechhoefer

837 Nobel Lecture: The discovery of asymptotic freedom and the emergence of QCD
David J. Gross

851 Nobel Lecture: The dilemma of attribution
David Politzer

857 Nobel Lecture: Asymptotic freedom: From paradox to paradigm
Frank Wilczek

871 *Colloquium*: Photons and electrons as emergent phenomena
Michael Levin and Xiao-Gang Wen

881 Microscopic dynamics in liquid metals: The experimental point of view
Tullio Scopigno, Giancarlo Ruocco, and Francesco Sette

935 Proximity effects in superconductor-ferromagnet heterostructures
A. I. Buzdin

977 Microfluidics: Fluid physics at the nanoliter scale
Todd M. Squires and Stephen R. Quake

1027 Quantum cluster theories
Thomas Maier, Mark Jarrell, Thomas Pruschke, and Matthias H. Hettler

1081 Forthcoming articles

0034-6861(200407)77:3;1-W