This important book presents seminal contributions to the emerging synthesis of logic and cognitive psychology.

Logicians, who typically concern themselves with ideal reasoning processes, have rarely crossed paths with cognitive psychologists and their more empirical endeavors. With the introduction of a landmark semantic theory by Gonzalo E. Reyes, however, the fields have somewhat reconciled and together have been fruitful in shedding new light on several issues—for example, on how children may master proper names and count nouns, and thus acquire knowledge. Authored by an outstanding collection of leading theorists and researchers across disciplines, this book details the inadequacies of classical logic in its handling of ordinary language and reveals the prospects for applying a symbiosis of logic and psychology to cognitive psychology, cognitive science, linguistics, the philosophy of language, and logic itself. Both scholarly and engaging, The Logical Foundations of Cognition will be of interest to psychologists, philosophers, linguists, and computer scientists alike.