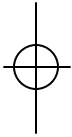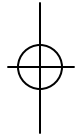For decades, Cognitive Science has been grappling with the issue of how to best understand the interactions between symbolic and subsymbolic cognition. In this ambitious and wide-ranging book, [Ron] Sun boldly takes it as a starting point that our minds are dual and implements his hypothesis as a hybrid computational model that he then compares the behavior of with that of human subjects exposed to implicit learning tasks. The result is a sometimes exhilarating romp through many issues central to contemporary cognitive science, including consciousness, the role of culture and embodiment in cognition, or the interactions between bottom-up and top-down processing. Whether or not one agrees with Sun's perspective, this book will challenge anyone with an interest in understanding how the mind works.

—Axel Cleermans, Universitè Libre de Bruxelles

In the past decade Ron Sun has been the foremost proponent of the new wave of hybrid architectures of cognition. By combining the insights of symbolic andconnectionist approaches, hybrid cognitive systems hold the promise to break the old dogmatic stalemates and provide a full understanding of the workings of the human mind. ... This book is essential reading for anyone trying to keep up with the exploding and exciting new field of hybrid architectures of cognition.

—Christian Lebiere, Carnegie-Mellon University

This is cognitive science at its best: innovative, eclectic, synergistic, and, above all, liberated from the fixed dogmatic paradigms into which much of the field has settled.

—Gregg Oden, University of Iowa