

1. Record Nr.	UNINA9910452001603321
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Titolo	Intelligence of apes and other rational beings [[electronic resource] /] / Duane M. Rumbaugh and David A. Washburn
Pubbl/distr/stampa	New Heaven, : Yale University Press, c2003
ISBN	1-281-73016-5 9786611730161 0-300-12935-1
Descrizione fisica	1 online resource (1 online resource (xvii, 326 p.)) : ill., ports
Collana	Current perspectives in psychology
Classificazione	CZ 8000
Altri autori (Persone)	WashburnDavid A. <1961->
Disciplina	156
Soggetti	Apes - Psychology Animal intelligence Psychology, Comparative Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 291-309) and index.
Nota di contenuto	Front matter -- Contents -- Series Foreword -- Foreword -- Preface -- 1. Introduction -- 2. Adaptation -- 3. Sculpting of Tendencies -- 4. Learning, the Foundation of Intelligence -- 5. Limitations of Respondents and Operants -- 6. First Lessons from Primates -- 7. Primate Research at the San Diego Zoo -- 8. Interesting Events at the San Diego Zoo -- 9. The LANA Project, 1971 -- 10. The Assembling of Language -- 11. Kanzi! -- 12. Asking Questions so That Animals Can Provide the Right Answers -- 13. When Emergents Just Don't Emerge -- 14. Animals Count -- 15. Brain Business -- 16. Processes Basic to Learning and Reinforcement -- 17. Harlow's Bridge to Rational Behaviors -- 18. Rational Behaviorism -- 19. Overview and Perspective -- Epilogue -- References -- Recommended Reading -- Index
Sommario/riassunto	What is animal intelligence? In what ways is it similar to human intelligence? Many behavioral scientists have realized that animals can be rational, can think in abstract symbols, can understand and react to human speech, and can learn through observation as well as conditioning many of the more complicated skills of life. Now Duane Rumbaugh and David Washburn probe the mysteries of the animal

mind even further, identifying an advanced level of animal behavior-emergents-that reflects animals' natural and active inclination to make sense of the world. Rumbaugh and Washburn unify all behavior into a framework they call Rational Behaviorism and present it as a new way to understand learning, intelligence, and rational behavior in both animals and humans. Drawing on years of research on issues of complex learning and intelligence in primates (notably rhesus monkeys, chimpanzees, and bonobos), Rumbaugh and Washburn provide delightful examples of animal ingenuity and persistence, showing that animals are capable of very creative solutions to novel challenges. The authors analyze learning processes and research methods, discuss the meaningful differences across the primate order, and point the way to further advances, enlivening theoretical material about primates with stories about their behavior and achievements.
