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Nota di contenuto	The Wiley Handbook of Genius; Contents; List of Contributors; Preface; Part I Perspectives; 1 The Genius in History: Historiographic Explorations; The Relationship between History and Genius; History and the Psychology of Genius; The Psychology of Genius: Theory Across History; The creative genius; The mad genius; The intelligent genius; The eminent genius; The Psychology of Genius: Historical Methods; Quantitative approaches; Qualitative approaches; The Genius in History; Notes; References; 2 The Psychobiography of Genius; Introduction; George W. Bush; John Lennon; Truman Capote Implicit PrescriptionsReferences; 3 Interviewing Highly Eminent Creators; Why Interview Eminent Creators?; Interview Research on Eminent Creators and Its Place in the Study of Creativity; Major Interview Studies of Eminent Creativity; Anne Roe: the making of a scientist (and artist); Bernice Eiduson: The Scientist Project; The Institute of Personality Assessment and Research: highly creative persons; Harriet Zuckerman: scientific elite - Nobel laureates in the United States; Albert Rothenberg: studies in the creative process; Vera John-Steiner: Notebooks of the Mind Nancy Andreasen: creativity and mental illnessMihaly Csikszentmihalyi:

Creativity in Later Life Study; Vera John-Steiner: creative collaborations; Other Interview Research on Creativity; Best Practices for Interviewing Eminent Creators; Before getting started; Sampling; Recruitment; Getting ready for the interview; During the interview; After the interview; Conclusion; Acknowledgments; References; 4 Psychometric Studies of Scientific Talent and Eminence; Scientific Talent and Eminence Defined; Psychometric Investigations of Scientific Talent and Eminence; Behavioral genetic studies
Developmental studies of scientific talent and eminenceCognitive studies of scientific talent; Personality studies of scientific interest, talent, and eminence; Social-cultural studies of scientific talent; Summary and Future Directions; References; 5 Historiometric Studies of Genius; Introduction; Illustrations; Developmental studies of genius; Differential studies of genius; Cognitive studies of genius; Sociocultural studies of genius; Conclusion; References; Part II Processes; 6 The Neuroscience of Creative Genius; What Is Neuroscience?
What Tools from Neuroscience Can Be Used to Study Creativity?What Is Creative Genius?; How Should a Neuroscientist Identify Subjects for Study?; What Kinds of Tasks Can Be Used to Assess Creativity Using Neuroimaging Tools?; What Have We Learned from Our Work So Far?; Conclusions; References; 7 Artistic Genius and Creative Cognition; Introduction; Hypotheses; Visual Arts; Painting; Architecture; Literary Arts; Novels; Poetry; Philosophy; Musical Arts; Music; Dance; Comparisons; Conclusion; Acknowledgments; References; 8 Case Studies of Genius: Ordinary Thinking, Extraordinary Outcomes Extraordinary Thinking As the Basis for Genius-Level Creativity

Sommario/riassunto

With contributions from a multi-disciplinary group of expert contributors, this is the first handbook to discuss all aspects of genius, a topic that endlessly provokes and fascinates. The first handbook to discuss all aspects of genius with contributions from a multi-disciplinary group of expertsCovers the origins, characteristics, careers, and consequences of genius with a focus on cognitive science, individual differences, life-span development, and social contextExplores individual genius, creators, leaders, and performers as diverse as Queen Elizabet

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Autore	Toutain Laurent
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Nota di contenuto	Cover; Local Networks and the Internet; Title Page; Copyright Page; Table of Contents; Chapter 1. Introduction; 1.1. Why a network?; 1.2. Network classification; 1.2.1. Function of distance; 1.2.2. Function of the topology; 1.3. Interconnection networks; 1.4. Examples of network utilization; 1.5. The Internet network; 1.5.1. History; 1.5.2. Functioning principle; 1.6. Structure of this book; Chapter 2. Standardization and Wiring; 2.1. The IEEE 802 committee; 2.1.1. Traffic types and constraints; 2.1.2. Constraints; 2.2. The standards; 2.3. IEEE 802.1 addressing; 2.3.1. MAC address 2.3.2. EUI-642.4. Cabling rules; 2.4.1. Twisted pair wiring; 2.4.2. Optical fibers; Chapter 3. Ethernet and IEEE 802.3 Protocols; 3.1. History; 3.2. Physical level; 3.2.1. The supports; 3.2.2. The interfaces and connectors; 3.3. The fundamentals of CSMA/CD; 3.3.1. Protocol parameters; 3.3.2. BEB algorithm; 3.3.3. Limits of the CSMA/CD algorithm; 3.3.4. The repeaters; 3.4. Frame format; 3.4.1. Physical

level; 3.4.2. MAC level; 3.5. The 10BASE5 network; 3.5.1. The equipment; 3.5.2. Manchester coding; 3.6. Devices for the 10BASE2; 3.7. Twisted pair equipment; 3.7.1. The hubs; 3.7.2. The switches 3.7.3. The 100BASE-T3.7.4. 1000BASE-T; 3.7.5. Auto-negotiation; 3.8. Fiber optics; 3.8.1. 10BASE-F; 3.8.2. 100BASE-FX; 3.8.3. 1000BASE-X; 3.8.4. Encoding; 3.8.5. Auto-negotiation; 3.8.6. Half-duplex mode and burst transmission; 3.9. Examples of Ethernet frames; 3.9.1. Signalovera 10BASE2 segment; 3.9.2. Frames; 3.10 Evolution of the Ethernet; Chapter 4. The LLC and SNAP Sublayers; 4.1. Definition; 4.2. LLC frames; 4.2.1. Frame formats; 4.2.2. Examples of protocols; 4.2.3. Window widths; 4.3. Example; 4.3.1. Type 1 LLC; 4.3.2. Type 2 LLC; 4.4. The SNAP layer; 4.4.1. Frame formats
4.4.2. ExampleChapter 5. Interconnection by Bridges: The Spanning Tree Algorithm; 5.1. Introduction; 5.2. Transparent filtering bridges; 5.2.1. Simple case; 5.2.2. Complex case; 5.3. Spanning tree algorithm; 5.3.1. Example; 5.3.2. Information update; 5.3.3. State diagram; 5.3.4. Message format; 5.3.5. Example; Chapter 6. Internet; 6.1. The Internet players; 6.1.1. The Internet Society; 6.1.2. The IAB; 6.1.3. The IESG; 6.1.4. The IRSG; 6.1.5. Address and protocol parameter management; Chapter 7. IP Protocols; 7.1. Implementation of the TCP/IP protocols; 7.1.1. Terminal equipment
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7.4.6. Netmask request /reply to netmask (RFC 950)

Sommario/riassunto

"This title covers the most frequently used elements of the Internet and Intranet and their development. It details the latest developments in research and covers new themes such as IP6, MPLS, and IS-IS routing, as well as explaining the function of standardization committees such as IETF, IEEE, and UIT. The book is punctuated with numerous examples and applications which will help the reader to place protocols in their proper context"--