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Nota di contenuto	Cover; Contents; List of contributors; Introduction; 1 What good is an explanation?; 2 Can science explain everything? Can science explain anything?; 3 Explaining the universe; 4 Does physics rule the roost of scientific explanation?; 5 Mathematical explanation; 6 Ponderable matter: explanation in chemistry; 7 The biology of the future and the future of biology; 8 Teleology: the explanation that bedevils biology; 9 What is it not like to be a brain?; 10 Ontology and scientific explanation; 11 From explanation to interpretation in social anthropology 12 Passing it on: redescribing scientific explanationIndex; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; Q; R; S; T; U; V; W; Y; Z
Sommario/riassunto	Our lives, states of health, relationships, behaviour, experiences of the natural world, and the technologies that shape our contemporary existence are subject to a superfluity of competing, multi-faceted and sometimes incompatible explanations. Widespread confusion about the nature of 'explanation' and its scope and limits pervades popular exposition of the natural sciences, popular history and philosophy of science. This fascinating and intriguing book explores the wayexplanations work, why they vary between disciplines, periods, and cultures, and whether they have any necessary boundaries.

