

1. Record Nr.	UNINA9910780091203321
Autore	Ziman J. M (John M.), <1925-2005, >
Titolo	Real science : what it is, and what it means / / John Ziman [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2000
ISBN	1-107-11963-4 0-511-15137-3 0-511-04974-9 0-521-77229-X 0-511-54139-2 0-511-31058-7 1-280-42130-4 9786610421305 0-511-17255-9
Descrizione fisica	1 online resource (xii, 399 pages) : digital, PDF file(s)
Disciplina	501
Soggetti	Science - Philosophy Science - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 356-383) and index.
Nota di contenuto	A peculiar institution -- Basically, it's purely academic -- Academic science -- New modes of knowledge production -- Community and communication -- Universalism and unification -- Disinterestedness and objectivity -- Originality and novelty -- Scepticism and the growth of knowledge -- What, then, can we believe?
Sommario/riassunto	Scientists and 'anti-scientists' alike need a more realistic image of science. The traditional mode of research, academic science, is not just a 'method': it is a distinctive culture, whose members win esteem and employment by making public their findings. Fierce competition for credibility is strictly regulated by established practices such as peer review. Highly specialized international communities of independent experts form spontaneously and generate the type of knowledge we call 'scientific' - systematic, theoretical, empirically-tested,

quantitative, and so on. Ziman shows that these familiar 'philosophical' features of scientific knowledge are inseparable from the ordinary cognitive capabilities and peculiar social relationships of its producers. This wide-angled close-up of the natural and human sciences recognizes their unique value, whilst revealing the limits of their rationality, reliability, and universal applicability. It also shows how, for better or worse, the new 'post-academic' research culture of teamwork, accountability, etc. is changing these supposedly eternal philosophical characteristics.
