1. Record Nr. UNINA9910741168603321

Autore	Fernandes Antonio S. C
Titolo	The contribution of technology to added value / / by Antonio S.C Fernandes
Pubbl/distr/stampa	London ; ; New York, : Springer, c2013
ISBN	1-4471-5001-5
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (viii, 104 pages) : illustrations
Collana	Gale eBooks
Disciplina	620 620.0042 658.5 658.514
Soggetti	Engineering Engineering design Engineering economy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1.Introduction -- 2.Technology in Growth Models -- 3.A Model to Measure Technology -- 4.The Value Added by Technology -- 5. Technology Dependence Taxonomy -- 6.Value Representing Technology and Knowledge -- 7.Key Conclusions.
Sommario/riassunto	There is a wide consensus that introduction of technology to the production process contributes to an overall economic value, however, confusion between technology, knowledge and capital often makes value calculations ambiguous and non-objective. The Contribution of Technology to Added Value addresses not only this issue of definition but also provides a production model to assess the value contribution of technology within the production process. A clarification of fundamental semantics provides a significant taxonomy for technology dependence, and allows understanding and modeling of how knowledge, technology and capital individually contribute to production and to value adding. A new technology dependence taxonomy is proposed and assessed following chapters explaining growth models, the KTC model and technology index values. Balancing theoretical knowledge with real-world data and applications The Contribution of

Technology to Added Value clarifies the issue of value adding for a range of different viewpoints and purposes; from academic to industry and service across engineering, economics and management. .