



COMMON KNOWLEDGE: THE CHALLENGE OF TRANSDISCIPLINARITY

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Francis Waldvogel, Editors

Knowledge is a living thing, sustained through dynamic reflexive processes. Whether at the level of cellular signaling pathways, Internet design, or sociocultural interactions, human understanding grows and accrues value through bi-directional transmission across networks of emitters and receptors. And the cross-fertilization of ideas from different sources is what keeps the process vigorous.

This book represents a coherent milestone in cultivating constructive exchange between experts and specialists from the physical, natural, economic and human science disciplines. From its sixteen original and highly personal essays portraying multiple facets of the knowledge creation process, emerge a common sense of purpose and a framework of new tools and methodologies for interdisciplinary dialogue.

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About the Authors:

The book's many contributors hail from research establishments and seats of learning scattered across the world. Among them are respected leaders of institutions alongside senior and junior faculty members from a vast array of disciplines. All are united in the drive to develop a more holistic approach to the acquisition and sharing of knowledge and its benefits. Collectively, the authors have a publication record of several thousand research articles, monographs and books to their credit. Contributors include: John Sulston, Karen Cook, Raghavendra Gadagkar, Henry Markram, Pierre Lévy, Wendy Hall.



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