## THE ROUTLEDGE COMPANION TO KNOWLEDGE MANAGEMENT

Edited by Jin Chen and Ikujiro Nonaka



## **CONTENTS**

List of tables List of contributors		xı xiii xv
PAI	RT I eoretical perspectives in knowledge management	1
1	Outlook on knowledge management: the origin and basic framework of knowledge management  Jin Chen	3
2	The spiral of knowledge creation in a dynamic and evolving business environment  Manlio Del Giudice and Valentina Cillo	15
3	Retaining knowledge: human and intellectual capital Rongbin WB Lee and Vivien WY Shek	33
4	Towards a better understanding of strategic knowledge dynamics: a dynamic capability exploratory study  Véronique Ambrosini, Naerelle Dekker and Krishna Venkitachalam	52
5	Knowledge management and the learning organization Rongbin WB Lee	67

## Contents

	Evolution logic and modern value of Chinese knowledge-based view: from confucian view of knowing and doing to Mao Zedong's theory on practice  Jin Chen, Zhen Yang and Yue-Yao Zhang	80	
7	Japanese philosophy and knowledge: insights into Ikigai and Wabi-Sabi Sanjay Kumar	98	
PAI	RT II		
	Knowledge management in the age of digital technology and new economy		
8	Knowledge management in the digital economy era: challenges and trends  Xiaoying Dong and Yan Yu	115	
9	Demystifying the link between big data and knowledge management for organisational decision-making  Krishna Venkitachalam and Rachelle Bosua	128	
10	Synthesis of human knowledge creation and artificial intelligence: evolution of the SECI spiral Kazuo Ichijo	140	
11	Artificial intelligence-enabled knowledge management Xuyan Wang, Xi Zhang, Yihang Cheng, Fangqing Tian, Kai Chen and Patricia Ordóñez de Pablos	153	
12	Evolving dynamics of knowledge in industry 4.0 Nikolina Dragičević, André Ullrich, Eric Tsui, and Norbert Gronau	169	
13	Dynamics of enterprise knowledge generation system based on the SECI framework Xirong Gao	196	
	RT III owledge management in practice	209	
14	How knowledge management differs across national cultures: a systematic literature review Gang Liu, Eric Tsui, and Aino Kianto	211	

## Contents

15	Implementation of knowledge management strategies  Regina Lenart-Gansiniec	236
16	Expanding the workplace to promote knowledge creation Dai Senoo and Bach Q. Ho	249
17	Three generations of knowledge management practice mode and common pitfalls in chinese enterprises  Qinghai Wu	261
18	Collective knowledge and social innovation in communities of practice: the case of the slow food movement in Italy  Luca Cacciolatti and Soo Hee Lee	271
19	Is there empirical knowledge? an observation based on clinical medicine Jin Chen, Juxiang Zhou and Yang Yang	289
20	Toward a knowledge-based view of a business model: a multi-level framework and dynamic perspective  Guannan Qu, Luyao Wang and Jin Chen	304
Ind	Index	