Contents

Part I  Theory of Co-utility

Co-utility: Designing Self-enforcing and Mutually Beneficial Protocols ................................................... 3
Josep Domingo-Ferrer, David Sánchez and Jordi Soria-Comas

Incentive-Based Co-utility: Co-utile Reputation Management ............ 17
Josep Domingo-Ferrer, Oriol Farràs and David Sánchez

On the Different Forms of Individual and Group Strategic Behavior, and Their Impact on Efficiency ......................... 33
Salvador Barberà, Dolors Berga and Bernardo Moreno

Part II  Applications of Co-utility

Co-utile P2P Anonymous Keyword Search ........................................ 51
Josep Domingo-Ferrer, Sergio Martínez, David Sánchez and Jordi Soria-Comas

Co-utile Enforcement of Digital Oblivion ........................................ 71
Josep Domingo-Ferrer

Co-utile Privacy-Aware P2P Content Distribution ................................. 87
David Megías and Josep Domingo-Ferrer

Co-utile Ridesharing ................................................................. 117
David Sánchez, Sergio Martínez and Josep Domingo-Ferrer

Self-enforcing Collaborative Anonymization via Co-utility .................. 139
Jordi Soria-Comas and Josep Domingo-Ferrer

Aspects of Coalitions for Environmental Protection Under Co-utility .......... 153
Dritan Osmani
United We Stand: Exploring the Notion of Cooperation Support
System for Business Model Design ............................... 167
Riccardo Bonazzi and Vincent Grèzes

The Need of Co-utility for Successful Crowdsourcing ............... 189
Enrique Estellés-Arolas

Problems in the Undertakings of the Collaborative Economy:
Co-utile Solutions ............................................ 201
Abeba Nigussie Turi, Josep Domingo-Ferrer and David Sánchez
Co-utility
Theory and Applications
Domingo-Ferrer, J.; Sánchez, D. (Eds.)
2018, X, 216 p. 33 illus., 19 illus. in color., Hardcover
ISBN: 978-3-319-60233-2