1. Record Nr. UNISA996499857903316

Autore	Maille Patrick
Titolo	From net neutrality to ICT neutrality / / Patrick Maille and Bruno Tuffin
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-06271-X
Descrizione fisica	1 online resource (194 pages)
Disciplina	215
Soggetti	Computer science Network neutrality
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Intro -- Preface -- Acknowledgments -- Contents -- About the Authors -- Acronyms -- 1 Introduction: A Bit of History -- 1.1 The Advent of the Digital Economy and the Need for Regulation -- 1.2 The Internet: Worries About the Lack of Neutrality -- 1.3 New Services: New Difficulties and Potential Hindrance to Society -- 1.4 Toward ICT Neutrality? -- 1.5 Goal and Organization of This Book -- 2 Definitions -- 2.1 Several Definitions of Neutrality -- 2.2 Analysis and Comparison -- 2.3 Specialized Services -- 2.3.1 Perimeter of Specialized Services -- 2.3.2 Need for Specialized Services -- 2.3.3 Implications of Introducing a Special Class of Service -- 2.4 Zero-Rating and Sponsored Data -- 2.5 Public Consultations -- 2.6 Worldwide Implementations -- 2.6.1 North America -- 2.6.1.1 USA -- 2.6.1.2 Canada -- 2.6.1.3 Mexico -- 2.6.2 Europe -- 2.6.2.1 European Union -- 2.6.2.2 France -- 2.6.2.3 Germany -- 2.6.2.4 United Kingdom -- 2.6.2.5 The Netherlands -- 2.6.2.6 Norway -- 2.6.2.7 Slovenia -- 2.6.2.8 Russia -- 2.6.3 Asia -- 2.6.3.1 China -- 2.6.3.2 Japan -- 2.6.3.3 South Korea -- 2.6.3.4 India -- 2.6.4 Oceania -- 2.6.4.1 Australia -- 2.6.4.2 New Zealand -- 2.6.5 South America -- 2.6.5.1 Chile -- 2.6.5.2 Brazil -- 2.6.6 Africa -- 2.7 A Situation Still Evolving -- 2.8 A Trade-Off with Users Deciding Differentiation? -- 2.9 Conclusions -- 3 Pros and Cons: The Arguments in the Debate -- 3.1 The ``Freedom'' Arguments: Whose Freedom? -- 3.1.1 [Pro-NN] Net Neutrality Is Needed to Guarantee Free Speech --

3.1.2 [Anti-NN] Net Neutrality Hinders Operators' Freedom of Enterprise -- 3.2 The ``Investment'' Arguments -- 3.2.1 [Anti-NN] Returns on Investments Are Needed -- 3.2.2 [Pro-NN] More Customers, More Investments -- 3.3 The ``Competition and Innovation'' Arguments -- 3.3.1 [Pro-NN] Non-neutrality Biases the Competition Among Services.
3.3.2 [Anti-NN] ISPs Favoring Some Content Providers Stimulates ISP Competition (Through Content) -- 3.3.3 [Pro-NN] Neutrality Is Needed to Allow Innovating Newcomers -- 3.4 The ``Security and Privacy'' Arguments -- 3.4.1 [Anti-NN] Encryption Already Prevents Discrimination -- 3.4.2 [Pro-NN] Neutrality Helps Protect Privacy -- 3.5 The ``Welfare'' Arguments -- 3.5.1 [Pro-NN] Non-neutrality Would Lead to a Fragmented Internet, Which Is Bad For Users -- 3.5.2 [Anti-NN] Content Providers Should Contribute to the Infrastructure Costs to Reduce Users' Share -- 3.5.3 [Anti-NN] A Free Market Finds the Most Efficient Outcome -- 3.6 Conclusions -- 4 Mathematical Analysis -- 4.1 Introduction to Mathematical Modeling and Game Theory -- 4.1.1 Elements of Non-cooperative Game Theory -- 4.1.2 Output Analysis -- 4.1.3 Principle of Mechanism Design -- 4.2 A Basic Model -- 4.3 Model with Two Content Providers -- 4.3.1 Pricing Game Between CPs (=2) -- 4.3.2 Fully Neutral Case (=2) -- 4.3.3 Weakly Neutral Case (=2) -- 4.3.4 Non-neutral Case (=2) -- 4.3.5 Comparison -- 4.4 Other Conclusions from the Literature -- 4.5 Additional Notes -- 5 Non-neutrality Pushed by Content Providers -- 5.1 Non-neutrality as a Barrier to Entry Protecting Incumbents -- 5.1.1 Modeling the Impact of a New Entrant CP -- 5.1.2 Actors' Revenues and Decision Time Scales -- 5.1.2.1 CP Revenues -- 5.1.2.2 ISP Revenue -- 5.1.2.3 Order of Decisions -- 5.1.3 Analyzing the Game for Fixed Side Payments -- 5.1.3.1 User Decisions -- 5.1.3.2 ISP Subscription Price pA -- 5.1.3.3 Should the New CP Enter the Market? -- 5.1.3.4 Illustration Example: Impact of the Side Payment -- 5.1.4 Can the ISP and the Incumbent CP Agree on Side Payments? -- 5.1.4.1 Side Payments Maximizing the ISP Revenue Are Not Sustainable -- 5.1.4.2 Can Side Payments Benefit Both the Incumbent CP and the ISP?.
5.1.4.3 How Can the ISP and Incumbent CP Agree on a Side Payment Level? -- 5.1.4.4 What About Users? Should the Regulator Intervene? -- 5.1.5 Refining the Model -- 5.2 Sponsored Data and Zero Rating -- 5.2.1 Modeling Sponsored-Data Practices in a Competitive ISP Context -- 5.2.1.1 Users' Decisions and Preferences -- 5.2.1.2 The CP Side: Advertising and Sponsoring -- 5.2.1.3 ISP Price Competition -- 5.2.1.4 Order of Decisions -- 5.2.2 How Does the CP Decide to Sponsor and Add Advertisement? -- 5.2.2.1 The Pricing Game Played by ISPs -- 5.2.3 A Practice Finally Mostly Benefiting ISPs? -- 5.3 When Big CPs Designate the ``Good'' ISPs: Incentivizing Non-neutrality Without Paying -- 5.3.1 ISP Competition: The Importance of Looking Good -- 5.3.2 A Two-ISP, Two-CP model with Heterogeneous Users -- 5.3.2.1 Modelling Consumer (Heterogeneous) Usage of Different CPs -- 5.3.2.2 ISPs Deciding How to Allocate Their Capacity Affects CP Quality -- 5.3.2.3 Introducing Some Asymmetry Among CPs: Required Throughput -- 5.3.2.4 Users Care About the Quality of the Services They Use! -- 5.3.2.5 A (Simple) Game on Differentiation -- 5.3.3 User Equilibria: How ISP Decisions Affect User Subscription Choices -- 5.3.4 The Game Among ISPs and Its Consequences -- 5.3.4.1 At the Equilibrium, Both ISPs Differentiate the Same Way -- 5.3.4.2 Equilibrium vs Neutral Capacity Allocation: Neutrality Hindering Innovation? -- 5.3.4.3 Equilibrium vs Neutral Capacity Allocation: No Impact for ISPs -- 5.3.4.4 Equilibrium vs Neutral Capacity Allocation: What About Users? -- 5.3.5 A Model Yielding Unexpected Conclusions

-- 5.4 Conclusions -- 6 A More General View of Neutrality -- 6.1 Is It Relevant to Generalize Network Neutrality? -- 6.2 Content Delivery Networks: Intermediaries Flying Under the Radar? -- 6.2.1 Introduction to CDN Role and Impact.
6.2.2 Model Illustrating the Impact of CDNs on Competition Between CPs -- 6.2.3 Model Illustrating the Impact of CDNs on Competition Between ISPs -- 6.3 Issues Related to Vertical Integration -- 6.3.1 Vertical Integration and the Internet Ecosystem -- 6.3.2 Illustration of Vertical Integration on Our Basic Model -- 6.3.3 Other Illustrations and Results from Models -- 6.4 Device Neutrality -- 6.5 Neutrality of Structuring Platforms -- 6.6 Also Toward Data Neutrality? -- 7 Search Neutrality -- 7.1 Is It in Search Engines' Interest to Be Neutral? -- 7.1.1 Modeling the Long-Term vs. Short-Term Gains Trade-Off -- 7.1.1.1 Modeling Requests as Random Pairs of Vectors -- 7.1.1.2 Click-Through-Rate: Impact of Position and Relevance -- 7.1.1.3 Frequency of Requests and SE Objective Function -- 7.1.1.4 How Would a Neutral SE Work? -- 7.1.2 The Revenue-Maximizing Ranking Policy: An (Almost) Explicit Trade-Off Between Relevance and Gains -- 7.1.3 Neutral vs. Non-neutral Search Engine: What Are the Differences? -- 7.1.3.1 A Simple Example with 10 Actors -- 7.1.3.2 Ad Revenues Are Good for Result Quality! -- 7.1.3.3 Should Users Care Whether Their SE Is Neutral? -- 7.1.3.4 Quantifying How Non-neutrality Distorts Competition Among CPs -- 7.1.3.5 Impact of Search (Non-)Neutrality on Innovation -- 7.2 Detecting Bias and Trying to Build a ``Neutral'' Search Engine -- 7.2.1 A Look At Related Contributions -- 7.2.2 An Estimation of Page Relevance: Average Page Visibility -- 7.2.3 Quantifying How ``Consensual'' a Search Engine Is:The SE Score -- 7.2.4 Pointing Out Possible Bias: Statistical Tests -- 7.2.5 Aggregating Results from SEs to Create Meta-SEs -- 7.2.5.1 The Consensus Ranking -- 7.2.5.2 The Majority Judgment Ranking -- 7.2.5.3 Robustness to Bias: Consensus Ranking vs Majority Judgment -- 7.2.6 A Few Observations from a Campaign on 1000 Search Terms.
7.2.6.1 The ``Chrome'' Search Term -- 7.3 Conclusion -- 8 Algorithmic Transparency -- 8.1 Algorithmic Transparency and Structuring Platforms: Why Introduce Scrutiny? -- 8.2 Worries About the Transparency of Artificial Intelligence Algorithms -- 8.3 How to Proceed? -- 8.4 Fake News, Manipulation of Opinions, Hatred, and Fact Checking -- 8.5 Conclusion on Transparency and Neutrality -- 9 Tools to Monitor Neutrality -- 9.1 Why Are Specific Tools Needed? -- 9.2 Tools for the Monitoring of ISPs -- 9.2.1 Potential Infringements -- 9.2.2 Available Tools -- 9.2.3 The Limits of the Existing Tools -- 9.3 Monitoring Other Actors -- 9.3.1 Monitoring CDNs -- 9.3.2 Monitoring Search Engines -- 9.4 Tools and Algorithmic Transparency -- 9.5 Fact-Checking Tools -- 10 Conclusions -- References.

2.

Record Nr.	UNINA9910702370603321
Autore	Barrett Clark C
Titolo	Finding "the right way" [[electronic resource]] : toward an Army institutional ethic / / Clark C. Barrett
Pubbl/distr/stampa	Carlisle, PA : , : Strategic Studies Institute, U.S. Army War College, , [2012]
Descrizione fisica	1 online resource (vii, 64 pages) : illustrations
Collana	Carlisle papers
Soggetti	Military ethics - United States Corporate culture - United States Soldiers - United States - Conduct of life Soldiers - Professional ethics - United States Decision making - Moral and ethical aspects - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed September 21, 2012). "September 2012."
Nota di bibliografia	Includes bibliographical references (pages 44-64).

3.

Record Nr.	UNINA9910559395403321
Autore	Xuan Winfred Wenhui
Titolo	Writing as Meaning-Making : A Systemic Functional Linguistic Approach to EFL Writing / / by Winfred Wenhui Xuan
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	9789811903205 9789811903199
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (365 pages)
Disciplina	428.0071051
Soggetti	Language and languages - Study and teaching Linguistics - Methodology Language acquisition Language Education Research Methods in Language and Linguistics Language Acquisition and Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 313-338).
Nota di contenuto	Introduction -- Theoretical underpinnings: writing as meaning-making -- Text types and EFL writing -- Experiential meaning-making in EFL writing -- Interpersonal meaning-making in EFL writing -- Textual meaning-making in EFL writing -- Logical meaning-making in EFL writing -- Implications and discussions -- Conclusion.
Sommario/riassunto	This book investigates Chinese secondary EFL learners' meaning-making abilities in English L2 writing by adopting theoretical frameworks used in systemic functional linguistics (SFL). It offers a comprehensive guide to Chinese high school students' use of lexico-grammatical resources in L2 English writing for frontline L2 writing teachers, TESOL practitioners, pre-service teachers, and all professionals engaged in researching and teaching L2 writing. In particular, the book seeks to fill the current gaps in secondary school L2 writing research in the Asian context.