



Andrés Guadamuz

**NETWORKS,
COMPLEXITY**
and
**INTERNET
REGULATION**
Scale-Free Law

Networks, Complexity and Internet Regulation

Scale-Free Law

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Abbreviations

ARPANET	Advanced Research Projects Agency Network
AS	Autonomous System
CAS	Complex Adaptive System
CC	Creative Commons
CERN	European Organization for Nuclear Research
DDoS	Distributed Denial of Service
DMCA	Digital Millennium Copyright Act
DNS	Domain Name System
DoS	Denial of Service
DS	Dynamic Systems
DVD	Digital Video Disc
ECD	Electronic Commerce Directive
EFF	Electronic Frontiers Foundation
EU	European Union
EUR	Euro
FOSS	Free and Open Source Software
GBP	British Pound
GPL	General Public License
GSCC	Giant Strongly Connected Component
HADOPI	Haute Autorité pour la diffusion des oeuvres et la protection des droits sur Internet
HTTP	Hyper Text Transfer Protocol
IAB	Internet Architecture Board
IANA	Internet Assigned Numbers Authority
ICANN	Internet Corporation for Assigned Names and Numbers
IESG	Internet Engineering Steering Group
IETF	Internet Engineering Task Force
IFPI	International Federation of the Phonographic Industry
IGF	Internet Governance Forum
IMPs	Message Processors
IP	Internet Protocol
IRC	Internet Relay Chat
ISOC	Internet Society
ISP	Internet Service Provider

IWF	Internet Watch Foundation
LAN	Large Area Network
P2P	Peer-to-peer
PING	Packet InterNet Groper
PRS	Performing Right Society
RIAA	Recording Industry Association of America
RO	Read-Only
RW	Read/Write culture
SCC	Strong Country Centrality
SLOC	Single Lines of Code
SMTP	Send Mail Transfer Protocol
SNA	Social Network Analysis
TCP	Transmission Control Protocol
UDP	User Datagram Protocol
UK	United Kingdom
UN	United Nations
US	United States
USD	United States Dollar
USPTO	United States Patent and Trademarks Office
W3C	Wide Web Consortium
WCT	WIPO Copyright Treaty
WIPO	World Intellectual Property Organization
WSIS	World Summit of the Information Society
WWW	World Wide Web

Cases

A&M Records v. Napster, 2002 U.S. App. LEXIS 4752.
Adobe Systems Inc. v. Tripod Inc., No. 1:96CV157 (N.D. W.Va.).
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Sony Corp. of America v. Universal City Studios, Inc., 464 U.S. 417.
Universal Music Australia v Sharman License Holdings [2005] FCA 1242.
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Warner Bros. Entertainment Inc. et al v. RDR Books et al (575 F.Supp.2d 513).

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