



P. Csermely, Semmelweis University, Budapest, Hungary

Weak Links

The Universal Key to the Stability of Networks and Complex Systems

How can our societies be stabilized in a crisis? Why can we enjoy and understand Shakespeare? Why are fruitflies uniform? How do omnivorous eating habits aid our survival? What makes the Mona Lisa's smile beautiful? How do women keep our social structures intact? – Could there possibly be a single answer to all these questions? This book shows that the statement: "weak links stabilize complex systems" provides the key to understanding each of these intriguing puzzles, and many others too. The author (recipient of several distinguished science communication prizes) uses weak (low affinity, low probability) interactions as a thread to introduce a vast variety of networks from proteins to economics and ecosystems. Many people, from Nobel Laureates to high-school students have helped to make the book understandable to all interested readers. This unique book and the ideas it develops will have a significant impact on many, seemingly diverse, fields of study.... *more on <http://springer.com/978-3-642-01192-4>*

2009. XXV, 404 p. 78 illus. (The Frontiers Collection) Softcover

- ▶ **39,95 €**
- ▶ **\$49.95**
- ▶ **SFr. 66.50**
- ▶ **£35.99**

- ▶ Explains weak, short-duration and low probability interactions, and shows how their influence is greater than generally imagined
- ▶ Applies fresh thinking to highly complex systems in a vast range of disciplines
- ▶ Outlines wide-ranging implications in many scientific fields

ISBN 978-3-642-01192-4

Order Now!

Yes, please send me _____ copies

"Weak Links"
ISBN 978-3-642-01192-4

Methods of Payment Check/Money Order enclosed AmEx MasterCard VISA

Card No.

Exp. Date

Please send orders to:

Outside the Americas:

Springer
Order Department
PO Box 2485
Secaucus, NJ 07096-2485
USA

Springer
Customer Service Center GmbH
Haberstrasse 7
69126 Heidelberg
Germany

- ▶ **Call toll-free** 1-800-SPRINGER
8:30 am – 5:30 pm ET
- ▶ **Fax your order to** (201) 348-4505
- ▶ **Web** springer.com
- ▶ **Email** orders-ny@springer.com

- ▶ **Call:** + 49 (0) 6221-345-4301
- ▶ **Fax:** +49 (0) 6221-345-4229
- ▶ **Web:** springer.com
- ▶ **Email:** orders-hd-individuals@springer.com

Name
Address
Street Address
(Sorry, we cannot deliver to P.O. boxes)
City / State / ZIP-Code
Country
Telephone / Email
Date ✕
Signature ✕

CA, MA, NJ, NY, and PA residents, please add sales tax. Canadian residents, please add 5% GST. Please add \$5.00 for shipping one book and \$1.00 for each additional book. Outside the US and Canada add \$10.00 for first book, \$5.00 for each additional book. All orders are processed upon receipt. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent. Remember, your 30-day return privilege is always guaranteed. Pre-publication pricing: Unless otherwise stated, pre-pub prices are valid through the end of the third month following publication, and therefore are subject to change.

All € and £ prices are net prices subject to local VAT, e.g. in Germany 7% VAT for books and 19% VAT for electronic products. Pre-publication pricing: Unless otherwise stated, pre-pub prices are valid through the end of the third month following publication, and therefore are subject to change. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. Please consult springer.com for information on postage.