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Nota di contenuto	Preface; Contents; Contributors; 1. Introduction Andrew Adamatzky; 1.1 Motorways; 1.2 Imitating road development; 1.3 Slime mould; 1.4 Physarum computing; 1.5 What the book is about; 2. Methods: how we conducted experiments and analysed their results Andrew Adamatzky; 2.1 Obtaining P. polycephalum; 2.2 Cultivation; 2.3 Experiments; 2.4 Physarum and motorway graphs; 2.5 Proximity graphs; 3. Trans-African highways Andrew Adamatzky and Anne Kayem; 3.1 Propagation from Cairo: three scenarios; 3.2 Protoplasmic networks of trans-African highways 3.3 Lubumbashi and Lusaka to Harare and Beira is the strongest link 3.4 Summary; 4. Tracing historical development of Australian highways Andrew Adamatzky and Mikhail Prokopenko; 4.1 Slime mould traces gold rush networking; 4.2 Physarum reconstructs the Gabriel graph; 4.3 Australian highways are a subnetwork of the Physarum network; 4.4 Famine and large-scale contamination; 4.5 Summary; 5. Belgian transport networks: redundancy and dissolution Andrew Adamatzky, Bernard De Baets and Wesley Van Dessel; 5.1 Bioessential motorways grow from Brussels 5.2 Physarum almost perfectly approximates Belgian motorways 5.3

Minimum spanning tree is not a subgraph of motorway graph; 5.4 Dissolution: snelwegen or autoroutes?; 5.5 Doel nuclear power plant and other sources of contamination; 5.6 Summary; 6. Brazilian highways from slime mould's point of view Andrew Adamatzky and Pedro P. B. de Oliveira; 6.1 Slime mould makes more highways; 6.2 Comparing with proximity graph; 6.3 Physarum and Angra nuclear power plant; 6.4 Summary; 7. Trans-Canada slimeways: from coast to coast to coast Andrew Adamatzky and Selim G. Akl; 7.1 Foraging from Toronto
7.2 Physarum almost approximates Canadian highways 7.3 On optimality of Canadian highways; 7.4 Contamination from Bruce nuclear power station; 7.5 Summary; 8. Slime mould imitates highways in China Andrew Adamatzky, Xin-She Yang and Yu-Xin Zhao; 8.1 From Beijing to Urumqi; 8.2 Physarum graph belongs to motorway graph; 8.3 Slime and man-made networks vs proximity graphs; 8.4 Summary; 9. Schlauschleimer auf Autobahnen: the case of Germany Andrew Adamatzky and Theresa Schubert; 9.1 Germany colonised; 9.2 More connections in the west; 9.3 Reichsautobahn rediscovered; 9.4 Slimy proximity graphs
9.5 Mass migration due to contamination 9.6 Summary; 10. Vie Physarale: Roman roads with slime mould Emanuele Strano, Andrew Adamatzky and Jeff Jones; 10.1 From Piacentia to Bononia and from Genua to Florenzia are missing; 10.2 Simulation: linking Bononia to Ariminum and Roma; 10.3 Summary; 11. Malaysian expressways: is there a logic behind them? Andrew Adamatzky, Zuwairie Ibrahim, Amar Faiz Zainal Abidin, Badaruddin Muhammad; 11.1 The coastal routes; 11.2 Strong chains and isolated cities; 11.3 Trees rooted in Rawan and Kuala Lumpur are minimal; 11.4 Contamination in Kuantan; 11.5 Summary
12. Physarum narcotraficum: Mexican highways and slime mould Andrew Adamatzky, Genaro J. Martinez, Sergio V. Chapa- Vergara, Rene Asomoza-Palacio and Christopher R. Stephens

Sommario/riassunto

Slime mould *Physarum polycephalum* is a monstrous single cell well known for its task-solving abilities - solves computational geometry and logical problems, navigates robots and generates music. The slime mould could also build motorways, highways and expressways. It is used to analyse transport networks of Africa, Australia, Belgium, Brazil, Canada, China, Germany, Iberia, Italy, Malaysia, Mexico, The Netherlands, UK and USA. The largest cities are represented by oat flakes and the slime mould is inoculated in a capital. When all oat flakes are covered by the slime mould, the structure of the

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ISBN	1-61121-050-X
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Sommario/riassunto	"Now in paperback, Confessions of a Military Wife is an honest, witty, and often hilarious look at the life of the new generation military wife. Mollie Gross learned the hard way to laugh instead of cry at what she could not control as a military spouse-and as she quickly discovered, nearly everything was out of her control! A standup comedienne, public speaker, and wife of a Marine Corps officer, Mollie explores everything about the issued spouse, from deployment and the stress of having a husband in a combat zone, to the realization that marriage changes when your husband returns home from war. Nothing is taboo or out-of-bounds in Confessions, including the parties military wives throw for themselves before hubby returns. (You'll have to read the book to find out about those!) More than one million American servicemen have deployed to war over the last few years, which means the lives and lifestyles of military wives are now front and center in the public's curiosity. How do they live? What is their day-to-day life like? How do they interact? How do they deal with weeks and months of separation? The answers will surprise (and in some cases, shock) you. Confessions

teaches all women, whether civilian or military, that they can learn to find the funny side of anything by embracing the situation and changing their perspective. And now they can do so with humor and levity, and a little wisdom. Evocative and provocative, Confessions of a Military Wife is a can't-put-down book that will leave you laughing and crying at the same time"--Publisher.
