Contents

1	Ecos	system Network Analysis	3
2	Data	a Input: General	3
	2.1	Model Data	3
	2.2	Network Data Class	3
	2.3	Building a Network Object	3
	2.4	Balancing for Steady-State	3
3	Dat	a Input: Reading Common Data File Formats	3
4	Net	work Visualization	3
5	Sing	gle Model Analysis	3
	5.1	Structural Network Analysis	3
	5.2	Flow Analysis	3
	5.3	Ascendency	3
	5.4	Storage Analysis	3
	5.5	Utility Analysis	3
	5.6	Environ Analysis	3
	5.7	Control Analysis	3
	5.8	Mixed Trophic Impacts	3
	5.9	Cycle Analysis	3
	5.10	Trophic Aggregations	3
	5.11	Other Analyses	3
	5.12	Output Orientation	3

9	Summary and Future	3
	8.2 iGraph	3
	8.1 sna: Social Network Analysis	3
8	Connecting to Other Useful Packages	3
7	Multi-Model Analyses (Batch Processing)	3
6	Model Library	3

- 1 Ecosystem Network Analysis
- 2 Data Input: General
- 2.1 Model Data
- 2.2 Network Data Class
- 2.3 Building a Network Object
- 2.4 Balancing for Steady-State
- 3 Data Input: Reading Common Data File Formats
- 4 Network Visualization
- 5 Single Model Analysis
- 5.1 Structural Network Analysis
- 5.2 Flow Analysis
- 5.3 Ascendency
- 5.4 Storage Analysis
- 5.5 Utility Analysis
- 5.6 Environ Analysis
- 5.7 Control Analysis
- 5.8 Mixed Trophic Impacts
- 5.9 Cycle Analysis