

Straight-Line Grid Drawings of Planar Graphs

Filesize: 5.57 MB

Reviews

Most of these ebook is the perfect publication accessible. It is writter in easy terms and not difficult to understand. It is extremely difficult to leave it before concluding, once you begin to read the book. (Anastasia Kihn)

STRAIGHT-LINE GRID DRAWINGS OF PLANAR GRAPHS



VDM Verlag Dez 2009, 2009. Taschenbuch. Book Condition: Neu. 226x151x18 mm. This item is printed on demand - Print on Demand Neuware - A graph is an abstract structure that is used to model information. Many real-world situations can conveniently be described by means of graphs. Smaller area of a drawing increases the readability of the drawing. Compact drawing of a circuit is preferable for VLSI fabrication since a compact drawing helps us to avoid wasting of valuable wafer space. This book deals with area efficient straight-line drawings of planar graphs. We have introduced some classes of planar graphs that admit straight-line grid drawing with sub-quadratic area. We introduce ``doughnut graphs,'' a subclass of 5-connected planar graphs as well as 3-outerplanar graphs, which admits a straight-line grid drawing on a grid of area O(n). We introduce a subclass of 4-connected planar graphs that admits straight-line grid drawing with linear area. We also introduce a subclass of outerplanar graphs, which we call ``label-constrained outerplanar graphs,'' that admits straight-line grid drawings with O(nlog n) area. We give linear-time algorithms to find such drawings. We also give linear-time algorithms for recognition of these classes of graphs. 136 pp. Englisch.

Read Straight-Line Grid Drawings of Planar Graphs Online

Download PDF Straight-Line Grid Drawings of Planar Graphs

You May Also Like

	Ъ
	•

Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner... Download ePub »

1	
	_

Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in. This book is about my cousin, Billy a guy who taught me a lot over the years and who... **Download ePub** »

Shlomo Aronson: Making Peace with the Land, Designing Israel's Landscape

Spacemaker Press. Hardcover. Book Condition: New. 1888931167 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-... Download ePub >>

ſ	
	=
	=

Let's Find Out!: Building Content Knowledge With Young Children

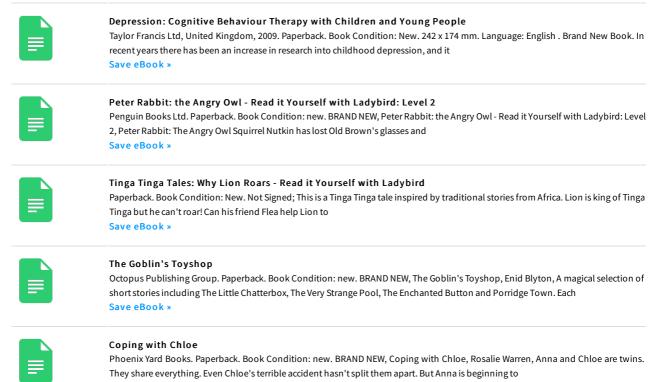
Stenhouse Publishers. Paperback. Book Condition: new. BRAND NEW, Let's Find Out!: Building Content Knowledge With Young Children, Sue Kempton, Ellin Oliver Keene, In her new book, Let's Find Out!, kindergarten teacher Susan Kempton talks about... Download ePub »

٢	Δ	1
L		
L		J

Joey Green's Rainy Day Magic: 1258 Fun, Simple Projects to Do with Kids Using Brand-name Products

Fair Winds Press, 2006. Paperback. Book Condition: New. Brand new books and maps available immediately from a reputable and well rated UK bookseller - not sent from the USA; despatched promptly and reliably worldwide by...

Download ePub »



Save eBook »