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# Pattern Grading

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Ahead of the Curve

Computer-Aided Pattern Design and Product Development

Lingerie Patternmaking and Grading -- Simplified

Sizing in Clothing

Pattern Drafting, Pattern Grading, Garment Making [and] Garment Fitting

The Theory of Garment-Pattern Making - A Textbook for Clothing Designers, Teachers of Clothing Technology, and Senior Students

Concepts of Pattern Grading

Grading Women's Garments

Concepts of Pattern Grading 2

Metric Pattern Cutting for Women's Wear

The Essentials of Pattern Grading

Investigation of the Pattern Grading Assumptions Used in the Sizing of U.S. Women's Clothing for the Upper Torso

Professional Pattern Grading for Women's, Men's and Children's Apparel

Pattern Grading for Men's Clothes

Sewing for Plus Sizes

Grading Workbook

Professional Patternmaking for Designers

Concepts of Pattern Grading

Metric Pattern Cutting for Menswear

Pattern Grading, Simplified

Advanced Pattern Grading

Grading Men's Garments

Concepts of Pattern Grading

Grading women's underwear

The Theory of Footwear Pattern Grading

A Visual Sensory Evaluation of Two Pattern Grading Methods

Pattern Grading for Women's Clothes

Grading children's garments

Grading men's garments

Grading Techniques for Modern Design

Fashion for Profit

Pattern Grading for Children's Clothes

American Fashion Pattern Grader and The Mechanics of Pattern Grading

How to Tech, Spec & Grade a Bra and Brief

An Investigation of the Relationship Between Fabric Grain Orientation and Pattern Grading

Pattern Grading for Men's Clothes

Grading for the Fashion Industry

Excavation & Grading Handbook

Eat. Sleep. Pattern Grading. - Lined Notebook  
Apparel Design Pattern Grading

*Pattern Grading*

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## **DEVYN VANESSA**

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### **Ahead of the Curve** Fairchild Books

This well-illustrated, step-by-step introduction to grading combines the theory of pattern grading with its practical applications. This text presents the x, y orientation to familiarize readers with the concepts of computer grading. It takes a holistic approach, integrating anthropometry, size specifications and grade guides into the grading process for womens garments with emphasis on maintaining fit and style sense. Concepts are also applicable to grading mens and childrens patterns.

### *Computer-Aided Pattern Design and Product Development* Hardie Grant Publishing

This step-by-step introduction to grading combines the theory of pattern grading with its practical applications. After presenting the x, y orientation to familiarize readers with the concepts of computer grading and using the Cartesian graph, the text takes a holistic approach, integrating anthropometry, size specifications, and grade guides into the grading process for women's garments with emphasis on maintaining fit and style sense. Concepts are also applicable to grading men's and children's patterns. The 3rd Edition is user friendly, with completed grading charts and practice exercises in every chapter. The text has been updated with current sizing and industry classification standards. New to this Edition: - Expanded discussion of computer grading technology including Optitex, Gerber, Lectra, and Tukatech software - 20% new end of chapter exercise questions - More coverage of grading pants with new illustrations - New grading design variations for the skirt back grade, two dart bodice front, bodice with midriff, bodice with yokes, asymmetrical styles, skirts with pockets, and the two-piece sleeve - Added discussion of stack points, full grade and half grade - New Test Bank with terminology testing, t/f, multiple choice, and an answer key

### **Lingerie Patternmaking and Grading -- Simplified** Bloomsbury Publishing USA

A fully comprehensive and extensively illustrated textbook on pattern grading for women's clothes. The grading system demonstrated is unique in that it can be applied to any rational sizing system rather than being tied to one sizing system only. Throughout the book, emphasis is placed on the practical aspects of pattern grading and each subject is developed in a logical and integrated fashion.

### **Sizing in Clothing** Craftsman Book Company

Professional Patternmaking for Designers- Women's Wear and Men's Casual Wear offers students and industry professionals detailed step-by-step instructions and illustrations for grading pattern pieces for women's and men's apparel.

### *Pattern Drafting, Pattern Grading, Garment Making [and] Garment Fitting* Read Books Ltd

Pattern grading is a method of creating multiple sizes of a garment style. Grading to extreme sizes is not recommended since the design and drape of the garment can be distorted. Researchers suggest that customized fit is a solution for creating sizes in a garment style. However, manufacturers

continue to grade patterns because it saves time and costs less to produce the multiple sizes needed in production. The purpose of this study was to investigate the relationship between fabric grain orientation and pattern grading and whether grading changes the drape of the garment. Different fabric grainlines and grade reference lines were used to determine the influence of traditional x and y coordinate grading methods on pattern shape and garment drape. A bias grain was used to determine if traditional x and y coordinate grading methods were appropriate for bias garments. It was thought that a bias garment would need new grade rules since the stretch of the bias could affect the overall fit and hang of the garment. A parametric model was developed in OptiTex™ software to represent a Misses size 12 and a dress pattern was then created and fit to this model. The pattern and model were then graded to a size 6 and a size 22. From the data, it appears that traditional grading methods and grading to larger and smaller sizes does not substantially affect the angle to the grainline at the grade points on the pattern perimeter. The center grade reference line in both the lengthwise and the bias dress was sufficient to produce additional garments that were similar to the base size pattern. The fit and drape of the original base size garment had the greatest influence on the fit and drape of the derived sizes. Therefore, if the garment grading increments are based on anthropometric data the fit and drape should be acceptable for individuals that are represented in the size data.

### The Theory of Garment-Pattern Making - A Textbook for Clothing Designers, Teachers of Clothing Technology, and Senior Students Nelson Thornes

A fully comprehensive and unique textbook on pattern grading for children's clothes. Throughout the book, emphasis is placed on the practical aspects of pattern grading and each subject is developed in a logical and integrated fashion.

### **Concepts of Pattern Grading** Fairchild Books & Visuals

Offers advice on selecting designs, fabrics, and colors, as well as making pattern adjustments and design modifications for sewing for plus and super-size figures.

### Grading Women's Garments Lulu.com

The use of computers has opened up remarkable opportunities for innovative design, improved productivity, and greater efficiency in the use of materials. Uniquely, this book focuses on the practical use of computers for clothing pattern design and product development. Readers are introduced to the various computer systems which are suitable for the industry, the principles and techniques of pattern design applied to computer systems are explained, and readers are shown how product data management can be used in clothing product development.

### Concepts of Pattern Grading 2 John Wiley & Sons

Ahead of the Curve is the first sewing book to empower curvy and plus size women to feel body confident by sewing a wardrobe that fits. Don't change your body to fit your clothes - change your clothes to fit your body! Ahead of the Curve includes 5 basic garment patterns (UK sizes 16-36/US size 12-32/EUR sizes 44-64), which includes a pair of trousers, a t-shirt, a sleeveless top and two dress designs. Jenny takes you through a series of "Fit Clinics" - tutorials and case studies

demystifying the fitting process – showing you how to adjust these patterns to master the perfect fit for your body shape. Once you have got to grips with this, you can go on to customize your closet and create an unlimited array of fantastic clothes that celebrate your body. If you're curvy or plus size, trying to find clothes that fit and reflect your personal style can be incredibly difficult and frustrating. Plus size women feel constantly excluded and like they can't express their personality through clothes. This book finally changes that.

#### Metric Pattern Cutting for Women's Wear ESMOD

Reducing or enlarging a sewing pattern - Grading children's garments This book, the second stage in our "Become a pattern drafter", Children's garments series, completes the creation of garments developed earlier using a point-by-point explanation of how to move from one size to the other. Conceived to respond to the needs of today's clothing industry, it also addresses individuals passionate about sewing thanks to the choice of models used which can serve as examples for creating a multitude of other designs. Manual methods and sizing charts for the models in a children's wardrobe are explained. ABOUT THE AUTHOR Claire Wargnier is a graduate of ESMOD, the world's oldest and most renowned fashion design school, where she was a pattern-drafting professor during thirty years. Her experience in the different sectors of the fashion industry have allowed her to adapt her teaching methods to the students' needs. She is also a consultant in the fashion industry, works and lives in Paris.

#### **The Essentials of Pattern Grading** ESMOD

A textbook for grading, or sizing, lingerie patterns.

*Investigation of the Pattern Grading Assumptions Used in the Sizing of U.S. Women's Clothing for the Upper Torso* Harder Publications

- Pattern Grading Fundamentals - Pattern Grading Terminology - Grading on the Cartesian Graph - Manual, Machine, and Computer Grading - Grading the Basic Pattern Blocks - Sleeve/Bodice Combinations - Design Variations - Grading Using Multiple x, y axes - Grading Stretch Garments - Grading from Garment Specifications - Alphanumeric Grading From Specifications - A how-to guide for pattern grading - More focus placed on the grading process, rather than the end-result - Completed grading charts and practice exercises throughout the text - Expanded discussion of the process of developing a grading system - New coverage of grading design variations - Updated info on Anthropometric Surveys - More sizes and coverage of crossing grades for basic pattern blocks - CD-ROM includes blank grading charts that students can print out and save for future use or hand in as class assignments - Instructor's Guide provides answers to exercises, completed grade rule tables, and projects for further research

#### **Professional Pattern Grading for Women's, Men's and Children's Apparel** Wiley-Blackwell

Footwear grading is one of the most complicated and complex parts of the footwear making process. In the last decades computers almost entirely took over this field, providing solutions for intricate problems, cutting production time, costs and speeding up the prototyping process. Modern CAD softwares makes grading faster and a lot more effective, but the human factor, the challenge of creating a series of sizes feasible, cost effective and so different sizes look proportional - is always there. This book gives a good overall view of this area, explaining every single detail regarding this topic, covering pretty much everything from the simple geometry, which the grading is based on,

through the theory of increments and ratios, and details such as group grading, secondary grading rules and so much more. It also gives examples for grading, explaining the necessities of certain steps, regarding the technical background of it. All of this is explained through several illustrations, examples and detailed explanations.

#### Pattern Grading for Men's Clothes ESMOD

Grading is an underrated aspect of the fashion industry. This book aims to give a general description of what grading involves, to explain the principles that govern grading formulae and to provide a reference manual for style grading.

#### **Sewing for Plus Sizes** Wiley-Blackwell

The Theory of Garment Pattern Making is a textbook for clothing designers, teachers of clothing technology, senior students and anyone with an interest in the theory behind pattern making.

#### *Grading Workbook* Fairchild Books

Since the first edition was published in 1980, Metric Pattern Cutting for Menswear has become established as the standard work on this subject and has proved invaluable as both a textbook for students and a reference source for the practising designer. In this fifth edition, the chapter on computer aided design now has full colour illustrations and reflects the growing importance of CAD to the industry and as a part of fashion and design courses. The rest of the book has been updated where necessary: in particular, new blocks for tailored shirts, new details on how to adapt men's blocks for women's wear, and a revision of sizing and labelling information. Colour is now used to differentiate the main groups of patterns and with its tried and tested layout with clear text and diagrams, Metric Pattern Cutting for Menswear is an essential purchase for students of fashion and design.

#### *Professional Patternmaking for Designers* ESMOD

Reducing or enlarging a sewing pattern - Grading Men's garments fashion book. This book, the second stage in our "Become a pattern drafter": Men's garments series, completes the creation of garments developed earlier using a point-by-point explanation of how to move from one size to the other: shirts, vests, jackets, coats, blousons, parkas, jeans and tailored trousers. Conceived to respond to the needs of today's clothing industry, it also addresses individuals passionate about sewing thanks to the choice of models used that can serve as examples for creating a multitude of other designs. Manual and computer methods are explained in partnership with the Lectra company. ABOUT THE AUTHOR A patternmaker in the clothing industry and then a trainer for the LECTRA company, Nathalie Coppin currently gives all CAD classes in patternmaking at ESMOD Paris. She was thus the best person to write this book on methods for grading.

#### *Concepts of Pattern Grading* Elsevier

The technical Become a Pattern Drafter series presents garment construction bases for the different sectors of ready-to-wear: Men, Women and Children. Using a simple, clear, logical, precise method, these books are conceived through a rational technique known as Flat Patternmaking which gives valid, key formulas to help construct any conceivable garment. The methods are accessible to everyone: those wanting to make unique creations for their family or those who wish to pursue a creative career in fashion as patternmakers,

#### Metric Pattern Cutting for Menswear John Wiley & Sons

It includes hundreds of tips, pictures, diagrams and tables that every excavation contractor and supervisor can use. This revised edition explains how to handle all types of excavation, grading, paving, pipeline and compaction jobs -- whether it's a highway, subdivision, commercial, or trenching job. This edition has been completely rewritten to cover new materials, equipment and techniques. It includes hundreds of tips, pictures, diagrams and tables.

Pattern Grading, Simplified Taunton Press

Enlarging or reducing a sewing pattern - Grading women's underwear fashion book. This book, the second stage in our "Become a Pattern drafter / Women's underwear" series, completes the

creation of underwear developed earlier using a point-by-point explanation of how to move from one size to the other. Conceived to respond to the needs of today's clothing and fashion industry, it also addresses individuals passionate about sewing thanks to the choice of models used which can serve as examples for creating a multitude of other designs. ABOUT THE AUTHOR A patternmaker in the clothing industry and then a trainer for the LECTRA company, Nathalie Coppin currently gives all CAD classes in patternmaking at ESMOD Paris. She was thus the best person to write this book on methods for grading.