Bookbinding by Hand

Prototype Thesaurus

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INTRODUCTION

Bookbinding is the activity or craft of physically assembling a book from a number of folded or unfolded sheets of paper or other material. Bookbinding is a craft with a many centuries long history and it brings together traditions and techniques from a variety of arts and crafts. New techniques, materials, and designs are continuously invented, while the old ones continue to be practiced.

Modern bookbinding by hand can be seen as two closely connected fields: the creation of new bindings and the repair of existing bindings. Hand bookbinders create new bindings ranging from historical book structures made with traditional materials to modern structures made with 21st century materials. The hand binder has a wide choice of techniques and materials; a binding can be simple or elaborate, traditional or modern, based on the anticipated use of the book as well as the taste of the binder.

In the following, a prototype thesaurus for hand bookbinding is presented. The prototype thesaurus is meant to outline a thesaurus that those who practice or study bookbinding could use to structure and navigate information and resources.
ABOUT THE THESAURUS

PURPOSE AND SCOPE
This thesaurus is intended for locating resources on bookbinding by hand. It can thus be used for the indexing and retrieval of works on bookbinding, such as books, websites, videos, and photographs. The thesaurus is intended to assist beginning bookbinders, hobbyists, collectors, and students of book crafts and the history of the book.

The bookbinding craft has a very rich and extensive vocabulary. This prototype thesaurus will cover techniques, materials, tools, formats, and designs. The thesaurus is a prototype and as such it is not exhaustive. It can, however, easily be extended to include more terms if needed.

Some techniques, materials, and expressions have been used for centuries while others have had a much shorter life – all are equally relevant. It has thus not been possible or relevant to set a specific time period for this thesaurus.

To ensure that the thesaurus would not become too scattered the scope has been limited to bookbinding by hand in the western hemisphere, since there is great variance between terms and traditions used in the western and eastern hemispheres when it comes to bookbinding. In the future the scope of this thesaurus may be expanded to cover techniques and materials used in the eastern hemisphere.

HOW TO USE THIS THESAURUS
The thesaurus is presented in two major displays: alphabetical and hierarchical. This will be explained in more detail in the following.

ABOUT THE HIERARCHICAL DISPLAY
In the hierarchical display terms are arranged semantically in a faceted format. The terms of this thesaurus are organized under the following major facets:

- Bindings
Each facet is further subdivided hierarchically to provide the user with a visual impression of the semantic relationships between the terms. Indentation are used to indicate a narrower level of specificity, and bracketed terms (<node labels>) are used to show dividing principles among sibling terms. Sibling terms are subordinate terms that share the same broader ('parent') term, as illustrated by the following example:

**Example – hierarchical display**

<table>
<thead>
<tr>
<th>Bindings</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;Bindings by structural elements&gt;</td>
</tr>
<tr>
<td>Hollow-back Bindings</td>
</tr>
<tr>
<td>Case Bindings</td>
</tr>
</tbody>
</table>

Node labels are used for guidance only and are not defined terms.

### ABOUT THE ALPHABETICAL DISPLAY

In the alphabetical display the terms are arranged alphabetically. Node labels are excluded. To strengthen access to the controlled vocabulary synonymous entry terms (non-preferred terms) are included, and are cross-referenced to the preferred indexing term.

The terms in the alphabetical display are filed word-by-word. Brief definitions in the form of scope notes are provided for each preferred term along with terms that relate hierarchically or associatively to the preferred term; these terms are identified and displayed by abbreviations corresponding to the ANSI/NISO z39.19 - 2003 guidelines:

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Node labels are not listed in the alphabetical display, instead the first real indexing term in the hierarchical scale is used. Compare, for example, the hierarchical and alphabetical displays of the term ‘folio format’:

**Example: Hierarchical display and alphabetical display**

**Book formats**

- <Formats by folding>
- Folio format
  - Elephant folio format

**Folio format**

<table>
<thead>
<tr>
<th>Code</th>
<th>Indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN</td>
<td>Scope note</td>
<td>A short definition of the term.</td>
</tr>
<tr>
<td>BT</td>
<td>Broader term</td>
<td>Term that is one level broader.</td>
</tr>
<tr>
<td>NT</td>
<td>Narrower term</td>
<td>Term that is one level narrower. Narrower terms are displayed alphabetically.</td>
</tr>
<tr>
<td>RT</td>
<td>Related term</td>
<td>Covers associations between descriptors that are neither equivalent nor hierarchical; yet the terms are semantically or conceptually associated. The relationship is symmetrical.</td>
</tr>
<tr>
<td>USE</td>
<td>Use</td>
<td>Leads from a non-preferred entry term to the preferred term.</td>
</tr>
<tr>
<td>UF</td>
<td>Use for</td>
<td>Points to non-preferred terms synonymous with the preferred term</td>
</tr>
</tbody>
</table>

Example: Hierarchical display and alphabetical display

- Book formats
  - <Formats by folding>
  - Folio format
    - Elephant folio format

Example: Hierarchical display and alphabetical display

<table>
<thead>
<tr>
<th>Code</th>
<th>Indicator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN</td>
<td>Scope note</td>
<td>The book size resulting from folding a sheet once, producing four pages. (1)</td>
</tr>
<tr>
<td>BT</td>
<td>Broader term</td>
<td>Book formats</td>
</tr>
<tr>
<td>NT</td>
<td>Narrower term</td>
<td>Elephant folio format</td>
</tr>
<tr>
<td>RT</td>
<td>Related term</td>
<td>Folding</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Folding sticks</td>
</tr>
</tbody>
</table>
Hierarchical Display

Bookbinding

**Binding and book components**

< Binding components>
- Boards
- Covers
- Edges
  - Fore edges
  - Binding Edges
- Endpapers
- Spines
  <Parts of spines>
  - Headbands
    <headbands by material>
    - Leather headbands
  <headbands by technique>
    - Single-core headbands
  <Types of spines>
    - Half bands
    - Raised bands

<Book components>
- Bookblock
- Sheets
  - Signatures
  - Leaves

**Bindings**

<Bindings by structural elements>
- Hollow-back Bindings
- Case Bindings
- Cover bindings
- Quarter Bindings
Half bindings
Adhesive bindings

<Bindings by period>
Medieval bindings
19th century bindings

<Bindings by style of decoration>
Illuminated bindings
Filigree bindings

**Book formats**

<Formats by folding>
Folio format
Elephant folio format
Quarto format
Octavo format

<Formats by cutting>
Miniature books

**Materials & supplies**

Cover materials
Book cloth
Linen cloth
Cotton cloth
Leather
Marbled paper

Adhesives
Paste
Wheat paste

Board materials
Pulpboard
Wood
Sheet materials
  Paper
  Parchment
    Vellum
Sewing materials
  Threads
    Silk thread
    Linen thread
  Cords
  Tapes

**Tools & equipment**

Folding tools
  Folding sticks
Pasting tools
  Brushes
  Glue pots
Cutting tools
  Knives
  Guillotines
Pressing tools
  Pressing boards
  Presses
    Lying presses
    Standing presses
Sewing tools
  Sewing frames
  Needles
  Awls
Backing tools
  Hammers
  Backing boards
Techniques & activities

Forwarding
  Folding
    Folding to paper
    Folding to print
  Cutting
  Pasting
  Sewing
    Bypass sewing
    Two-on sewing
  Backing
  Finishing
    Labeling
    Lettering

Work spaces

  Binderies
  Tables
    Gathering tables

Instructions

  Designs
  Manuals

People

  Binders
  Finishers
  Designers
**19th century bindings**

**SN** Binding characterized by cloth case bindings, poor quality bookblocks, paper boards, abundant decorations, sewing on tapes. (1)

**BT** Bindings

**RT** Book cloth

---

**Adhesives**

**SN** Any substance used to bond materials together. (1)

**BT** Materials & supplies

**NT** Paste

**RT** Adhesive bindings

- Endpapers
- Marbled paper
- Pasting
- Pasting tools

---

**Adhesive bindings**

**SN** Individual leaves held together with adhesive rather than sewing. Some form of adhesive binding has occasionally been used since the 17th century. (1)

**BT** Bindings

**RT** Adhesives

---

**Awls**

**SN** A pointed tool used in bookbinding for piercing holes in signatures for sewing. (6)

**BT** Sewing tools

**RT** Binding edges

---

**Backing**

**SN** The process of fanning out the binding edges to distribute the swelling caused by the sewing threads and the spine folds, and to provide a shoulder against which the boards of the cover can lie. (1)

**BT** Forwarding

**RT** Backing tools

- Presses
- Spines

---

**Back**
**Benches**

BT  Workspaces  
RT  Cutting tools  
     Folding tools  
     Sewing frames

**Binderies**

SN  Places where books are bound (1)  
UF  Workshops  
BT  Workspaces  
RT  Binders  
     Forwarding  
     Finishing

**Binders**

SN  A professional craftsman who binds books.  
UF  Vellum binders  
BT  People  
RT  Binderies

**Binder’s boards**

USE  Boards

**Bindings**

SN  The cover and material that holds a book together. (6)  
BT  Bookbinding  
NT  19th century bindings

**Binding and book components**

SN  Parts and types of parts of a binding and of a book.  
BT  Bookbinding  
NT  Boards  
     Bookblock  
     Edges  
     Endpapers  
     Sections  
     Sheets  
     Spines  
RT  Bindings  
     Book formats  
     Techniques & activities

**Binding edges**

SN  The edge of a bookblock that is sewn or adhered. (1)  
UF  Sewing edges  
BT  Edges  
RT  Awls  
     Cords  
     Needles  
     Sewing  
     Spines  
     Tapes
Figure 4 - Examples of binding edges showing different kinds of sewing: on tapes, on saw-in cords, and on raised cords.

**Boards**

<table>
<thead>
<tr>
<th>SN</th>
<th>Board, upper: precedes the book-block. Board, lower: follows the book-block. Boards are made of a hard material, such as: wood, cardboard, cartonage. (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Binder’s boards</td>
</tr>
<tr>
<td>BT</td>
<td>Binding and book components</td>
</tr>
<tr>
<td>RT</td>
<td>Board materials                                                                     Cover materials</td>
</tr>
<tr>
<td></td>
<td>Cutting</td>
</tr>
<tr>
<td></td>
<td>Endpapers</td>
</tr>
<tr>
<td></td>
<td>Pasting</td>
</tr>
</tbody>
</table>

**Board materials**

<table>
<thead>
<tr>
<th>SN</th>
<th>Materials used for boards (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Materials &amp; supplies</td>
</tr>
<tr>
<td>NT</td>
<td>Pulpboard</td>
</tr>
<tr>
<td></td>
<td>Wood</td>
</tr>
<tr>
<td>RT</td>
<td>Boards</td>
</tr>
<tr>
<td></td>
<td>Bindings</td>
</tr>
</tbody>
</table>

**Board paper**

Use Endpapers

**Bonefolders**

USE Folding sticks

**Bookbinding**

SN Joining a book in sequential order and providing a protective cover. (1)

NT Bindings

Binding and book components

Book formats

Instructions

Materials & supplies

People

Techniques & activities

Tools & equipment

Work spaces

**Bookblock**

SN A bookblock is a group of signatures and added endpapers, either sewn or adhered. (1)

BT Binding and book components

RT Sheet materials

Edges

Endpapers

Guillotines

Presses

**Book cloth**

SN Woven fabric used to cover bindings. (1)

BT Cover materials

NT Cotton cloth

Linen cloth

RT 19th century bindings

Covers

Paste

**Book formats**

SN The size of a book – either determined by folding of sheets, or by cutting. (6)

BT Bookbinding

NT Folio format

Miniature book

Octavo format

Quarto format
RT Bindings
     Binding and book components
     Designs

Brushes
SN A brush is composed of a gathering of hair or some synthetic material - used for the application of paste, glue, or other adhesive liquid. (6)
BT Pasting tools
RT Glue pots
     Paste

By-pass sewing
SN A kind of sewing where some sewing stations are skipped to save time. (1)
BT Sewing
RT Needles

Case bindings
SN A protective cover made separate from the bookblock and then attached to the bookblock with glue. This binding is a kind of hollow-back binding. (1)
BT Hollow-back binding

Figure 5 - Example of case binding

Cords
SN A sewing support made of vegetable fiber (such as hemp or linen). (1)
BT Sewing materials
RT Binding edges
     Raised bands
     Sewing frames

Cotton cloth
SN Cotton fabric used to cover bindings.
BT Book cloth

Covers
SN The front and the back of the book as bound. (1)
BT Binding and book components
RT Book cloth
     Cover bindings
     Leather
     Marbled paper

Cover bindings
SN Material used as the outer cover of a binding in many cases to serve as decorative feature as well as protective. (1)
BT Bindings
NT Quarter bindings
     Half bindings
RT Book cloth
     Covers
     Leather
     Marbled paper

Cover materials
SN Types of materials used for covers.
BT Materials & supplies
NT Book cloth
     Leather
     Marbled paper
RT Bindings
     Boards
**Cutting**

SN The process of trimming the edges of a book. (6)
BT Forwarding
RT Boards
Cutting tools
Edges
Sheets

**Cutting tools**

SN Tools for cutting binding materials in desired size. (6)
BT Tools & equipment
NT Guillotines
Knives
RT Benches
Cutting
Sheet materials

**Designs**

SN Types of instructions for a specific style of binding.
BT Instructions
RT Bindings
Designers
Book formats

**Designers**

SN Persons who are responsible for specific types of designs. (1)
BT People
RT Designs

**Edges**

SN The edges of the bookblock: head edge, fore edge, tail edge, and binding edge. (1)
BT Binding and book components
NT Binding edges
Fore edges
RT Bookblock
Cutting

**Elephant folio format**

SN A folio approximately 23” x 14” (1)
BT Folio format

**Endleaves**

USE Endpapers

**Endpapers**

SN Blank or decorated leaves preceding and following the text. (1)
UF Endleaves
Board paper
BT Binding and book components
RT Adhesives
Boards
Bookblock
Marbled paper
Pasting

**Filigree bindings**

SN One material cut out to form a pattern and placed over another material. (1)
BT Bindings
Finishers
SN  The bookbinder who performs the processes of polishing the leather, lettering and embellishing, which are carried out on a hand-bound book subsequent to forwarding. (6)
BT  People
RT  Finishing tools

Finishing
SN  Adding decoration or lettering to a book already bound. (1)
BT  Techniques & activities
NT  Labeling
    Lettering
RT  Binderies
    Forwarding

Finishing tools
SN  Tools used in hand finishing – made of brass with wooden handles. (1)
BT  Tools & equipment
RT  Finishers

Folding
SN  The first step in binding a book is folding the sheets into sections for sewing or to have the folds cut off for adhesive binding. (1)
BT  Forwarding
NT  Folding to paper
    Folding to print
RT  Folding tools
    Folio format
    Sheets
    Sheet materials

Folding sticks
SN  A small tool used for folding paper, smoothing out wrinkles when pasting and gluing, and for turning corners. (6)
UF  Bonefolders
BT  Folding tool
RT  Folio format
    Sheets
    Sheet materials

Figure 7 - Filigree binding

Figure 8 - Folding

Figure 9 - Folding sticks
Folding tools
SN   A tool used for folding binding materials.
BT   Tools & equipment
NT   Folding sticks
RT   Folding
     Benches

Folding to paper
SN   An instruction to the binder to fold the printed sheets of a book so that the edges of the leaves and bolts are even. (6)
BT   Folding

Folding to print
SN   An instruction to the binder to fold the printed sheets of a book to register, for example the edges of the printed areas are to be placed exactly over one another. (3)
BT   Folding

Folio format
SN   The book size resulting from folding a sheet once, producing four pages. (1)
BT   Book formats
NT   Elephant folio format
RT   Folding
     Folding sticks

Fore edges
SN   The edge of a book that opens. (1)
BT   Edges

Forwarding
SN   All the steps in binding up to adding lettering and decoration – called finishing. (1)
BT   Techniques & equipment
NT   Backing
     Cutting
     Folding

Gathering tables
SN   A long, narrow table, usually in the shape of a horseshoe or oval, on which flat sheets or signatures are laid in piles in proper order for gathering.
BT   Tables

Glue pots
SN   A container - often made of copper and usually of a double boiler construction, in which glue is melted and kept at the proper temperature. (6)
BT   Pasting tools
RT   Brushes

Guillotines
SN   A machine for trimming the edges of books. (1)
BT   Cutting tools
RT   Bookblock
     Sheets

Half bands
SN   Horizontal ridges on the spine, not part of the sewing, but added for decoration between sewing supports.
Half bands do not imitate sewing supports. (1)

**Half bindings**
SN A type of binding where the cover material covers half the book.

**Hammers**
SN A tool for knocking a bookblock into desired shape.

**Headbands**
SN A functional and/or decorative band at head and tail of the spine. (1)

**Hollow-back bindings**
SN A binding in which the covering material is not glued to the spine of the bookblock. (1)

**Illuminated bindings**
SN Bindings, usually of vellum, blocked in gold and color or hand tooled and colored. The bindings are elaborate, highly colored, and with a kind of lacquer finish. England and Europe 19th century. (1)

**Instructions**
SN Directions for how to perform parts of bookbinding.

**Knives**
SN A small tool used for cutting. (6)

**Labeling**
SN To attach a label to the spine or upper board of a bound book. (1)

**Leather**
SN Tanned skins of animals. Those most commonly used for bookbinding are goat, calf, sheep, and pig skin. If the animal cannot be identified with certainty, the term leather is generally used. (1)

**Labeling**
SN To attach a label to the spine or upper board of a bound book. (1)

**Leather headbands**
SN Headband made by pasting leather onto the spine. (6)
Leaves
SN A leaf is one of the units resulting from folding a sheet into a signature. A leaf consists of two pages, one on each side, either or both of which may be blank, or may bear printing or writing. (1)
BT Signatures

Lettering
SN The process of marking a binding with author, title, or other distinguishing bibliographical information. (3)
BT Finishing

Finishing

Linens
SN Cloth made of linen used for book covers. (5)
BT Book cloth

Linen threads
SN Thread made of linen. (1)
BT Threads

Lying presses
SN A small, portable press. usually made of wood, with two steel or wooden screws operating through bronze chucks. (6)
BT Presses

Manuals
SN A book that is conveniently handled – a handbook.
BT Instructions
RT Techniques & activities

Marbled paper
SN Paper decorated with colors floated on a gelatinous size, spattered or combed into patterns
BT Cover materials
RT Adhesives
Covers
Endpapers

Materials & supplies
SN Types of materials used for bookbinding.
BT Bookbinding
NT Adhesives
Board materials
Cover materials
Sewing materials
Sheet materials
RT Bindings
Instructions
Forwarding
Tools & equipment
Work spaces
Medieval bindings
SN A binding characterized by: book-blocks made of vellum, boards made of wood, edges usually plain, headbands were embroidered on cores of leather laced to the boards. (1)
BT Bindings

Miniature books
SN A book under three inches in height. (1)
BT Book formats

Needles
SN The long, slender, round steel instruments pointed at one end and with an eyelet at the other and through which the thread passes. They are used to carry the thread through paper or cloth in sewing a book through the folds. (6)
BT Sewing tools
RT Binding edges
Bypass sewing
Headbands
Threads

Octavo format
SN A sheet of paper folded three times, producing sixteen pages.
BT Book formats

Parchment
SN A material made from the skin of any relatively small animal, by a soaking, liming, and depilating process, which is followed by drying under tension. (1)
BT Sheet materials
NT Vellum

Paste
SN An adhesive made from a starch and water. (5)
BT Adhesives
NT Wheat paste
RT Brushes
Spines
Endpapers
Book cloth

Pasting
SN The activity of assembling a binding by applying adhesives. (6)
BT Forwarding
RT Adhesives
Boards
Endpapers
Pasting tools
Presses

Pasting tools
SN A tool used for applying adhesives. (6)
BT Tools & equipment
NT Brushes
Glue pots
RT Adhesives
Pasting

People
SN People involved in bookbinding.
BT Bookbinding
NT Binders
Designers
Finishers
RT Techniques & activities
Work spaces

Presses
SN A machine of which there are several types, used to exert evenly applied
pressure. It is used in various steps of the binding process. (1)

**Pressing tools**

- **Pressing tools**
- **Standing presses**
- **Lying presses**
- **Backings**
- **Book blocks**
- **Pastings**

**Pressing boards**

- **Pressing boards**
- Flat boards of solid or laminated wood, used to insure even pressure when books are pressed. (6)

**Quarter bindings**

- **Quarter bindings**
- A type of binding where the cover material only covers a quarter of the book. (1)

**Quarto format**

- **Quarto format**
- A sheet of paper folded twice, producing eight pages.

**Raised bands**

- **Raised bands**
- Sewing supports which show on the spine. They are usually emphasized by having leather covering the book nipped up around them. (1)

**Sewing**

- **Sewing**
- The process of attaching sections to each other by sewing them to a support or by using a chain stitch only. (1)
**Figure 16 - Woman sewing book**

**Sewing Benches**
USE Sewing frames

**Sewing edges**
Use Binding edges

**Sewing frames**
SN Holds the tapes or cords on which a book is to be sewn in a fixed and upright position. (6)
UF Sewing Benches
BT Sewing tools
RT Benches
Cords
Tapes
Threads

**Figure 17 - Sewing frame**

**Sewing materials**
BT Materials & supplies
NT Cords
Tapes
Threads
RT Sewing
Sewing tools

**Sewing tools**
SN The tools used for sewing books together. (3)
BT Tools & equipment
NT Awls
Needles
Sewing frames
RT Sewing
Sewing materials

**Sheets**
SN A single piece of paper or board. (1)
BT Binding and book components
NT Signatures
RT Sheet materials
Cutting
Folding
Folding sticks
Guillotines
### Sheet materials

<table>
<thead>
<tr>
<th>SN</th>
<th>Types of materials that are used for making sheets. (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Materials &amp; supplies</td>
</tr>
<tr>
<td>NT</td>
<td>Paper</td>
</tr>
<tr>
<td></td>
<td>Parchment</td>
</tr>
<tr>
<td>RT</td>
<td>Bookblock</td>
</tr>
<tr>
<td></td>
<td>Cutting tools</td>
</tr>
<tr>
<td></td>
<td>Folding</td>
</tr>
<tr>
<td></td>
<td>Folding sticks</td>
</tr>
<tr>
<td></td>
<td>Sheets</td>
</tr>
</tbody>
</table>

### Signatures

<table>
<thead>
<tr>
<th>SN</th>
<th>A signature is created by folding a sheet in half one or more times.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UF</td>
<td>Sections</td>
</tr>
<tr>
<td>BT</td>
<td>Sheets</td>
</tr>
<tr>
<td>NT</td>
<td>Leaves</td>
</tr>
</tbody>
</table>

### Silk threads

<table>
<thead>
<tr>
<th>SN</th>
<th>Thread made of silk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Threads</td>
</tr>
</tbody>
</table>

### Single-core headbands

<table>
<thead>
<tr>
<th>SN</th>
<th>Type of sewn headband. (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Headbands</td>
</tr>
</tbody>
</table>

### Spines

<table>
<thead>
<tr>
<th>SN</th>
<th>The edge of a book that is sewn or adhered. This term also refers to the covering of that area. (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Binding and book components</td>
</tr>
<tr>
<td>NT</td>
<td>Half bands</td>
</tr>
<tr>
<td></td>
<td>Headbands</td>
</tr>
</tbody>
</table>

### Standing presses

<table>
<thead>
<tr>
<th>SN</th>
<th>A large floor press, at one time used extensively in virtually all binderies for operations requiring the application of great pressure; it is used today almost exclusively in hand binding. (6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Presses</td>
</tr>
</tbody>
</table>

### Tables

<table>
<thead>
<tr>
<th>SN</th>
<th>Furniture at which parts of the book-binding process is performed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Work spaces</td>
</tr>
<tr>
<td>NT</td>
<td>Gathering tables</td>
</tr>
</tbody>
</table>

### Tapes

<table>
<thead>
<tr>
<th>SN</th>
<th>A flat vellum or fabric, often linen, sewing support (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BT</td>
<td>Sewing materials</td>
</tr>
<tr>
<td>RT</td>
<td>Binding edges</td>
</tr>
<tr>
<td></td>
<td>Sewing frames</td>
</tr>
</tbody>
</table>
**Techniques & activities**

**SN** Techniques and activities applied in the bookbinding process.

**BT** Bookbinding

**NT** Finishing

**NT** Forwarding

**RT** Bindings

**RT** Binding and book components

**RT** Manuals

**RT** Materials & supplies

**RT** People

**RT** Tools & equipment

**RT** Work spaces

**Threads**

**SN** Books are sewn with linen, cotton, synthetic or silk thread. Threads come in various thicknesses and are important in giving the spine the right amount of swelling for backing. (1)

**BT** Sewing materials

**NT** Linen threads

**NT** Silk threads

**RT** Headbands

**RT** Needles

**RT** Sewing frames

![Figure 20 - Threads and tapes](image)

**Two-on sewing**

**SN** A method of sewing a book by hand in which two sections are sewn on a single length of thread from kettle stitch to kettle stitch. (6)

**BT** Sewing

**Vellum binders**

**USE** Binders

**Wheat paste**

**SN** An adhesive made from wheat starch and water. (1)

**BT** Paste

**Wood**

**SN** Material used for making boards.

**BT** Board materials

**Workshops**

**Use** Binderies

**Work spaces**

**SN** Area or facility where bookbinding or parts of bookbinding is performed. (6)

**BT** Bookbinding

**NT** Benches

**NT** Binderies
REFERENCES


APPENDIX: DATABASE RECORDS

The following bibliographical database entries describe resources that bookbinders could retrieve when using the thesaurus terms.

**Database record 1**

<table>
<thead>
<tr>
<th>Title</th>
<th>Hand-made books: An Introduction to Bookbinding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Sheperd, Rob</td>
</tr>
<tr>
<td>Source</td>
<td>N/A</td>
</tr>
<tr>
<td>Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>Pages</td>
<td>80 pages</td>
</tr>
<tr>
<td>Pub. Date</td>
<td>1999</td>
</tr>
<tr>
<td>Resource type</td>
<td>Book</td>
</tr>
</tbody>
</table>
### Database record 1

<table>
<thead>
<tr>
<th><strong>Descriptors</strong></th>
<th>Manuals, Bindings, Sewing, Pasting, Cutting, Folding, Tables,</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Abstract</strong></td>
<td>This title is aimed at the amateur with a limited budget. It explains the basic techniques of bookbinding through a series of ten projects. All can be completed at the kitchen table using equipment that can be found at home or that is inexpensive and readily available.</td>
</tr>
</tbody>
</table>

### Database record 2

<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th>Bookbinding: its background and technique</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Author</strong></td>
<td>Diehl, Edith</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Pages</strong></td>
<td>748</td>
</tr>
<tr>
<td><strong>Pub. date</strong></td>
<td>1980</td>
</tr>
<tr>
<td><strong>Resource type</strong></td>
<td>Book</td>
</tr>
<tr>
<td><strong>Descriptors</strong></td>
<td>Manuals, Designs, Binders, Finishers, Filigree bindings, Illuminated bindings, Forwarding, Finishing,</td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
<td>Mammoth volume by one of the world's foremost practitioners. Both historical survey emphasizing decorated bindings, and eminently practical guide to hand bookbinding. 93 plates, 242 figures.</td>
</tr>
</tbody>
</table>

### Database record 3

<table>
<thead>
<tr>
<th><strong>Title</strong></th>
<th>Bookbinding: A traditional technique</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Author</strong></td>
<td>Withers, Larry</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Volume</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Pages</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Pub. date</strong></td>
<td>2007</td>
</tr>
<tr>
<td><strong>Resource type</strong></td>
<td>DVD</td>
</tr>
<tr>
<td><strong>Descriptors</strong></td>
<td>Folding, Folding sticks, Signatures, Sewing, Awls, Designs, Case bindings, Cover bindings, Book cloth, Folio format, Pasting, Adhesives, Endpapers, Book block, Sewing frames, Presses</td>
</tr>
<tr>
<td><strong>Abstract</strong></td>
<td>This instructional video begins by describing all the parts of a hard-bound book, then goes on to demonstrate &quot;case binding,&quot; the method still used by most publishers and binderies today. The film is divided into individual chapters showing each step in the process: folding the individual signatures, sewing signatures into folios, gluing them together, making the cover and end papers, and assembling the complete book. The steps are all clearly and simply explained and very well presented visually. The techniques for the most part make use of easily obtainable supplies found around the home or in craft or art</td>
</tr>
</tbody>
</table>
supply stores. After the basics, host Larry Withers gives information on creating a variety of bound cover designs as well as recommendations for crafting several additional pieces of equipment to make the tasks easier. Downloadable PDF files feature a complete materials list, diagrams for building a book press and sewing frame. Librarians and book lovers will enjoy this video for its revealing information about book construction. Targeted to teens and adults, this video is recommended for arts and crafts collections as well as those covering the books arts.

Database record 4

<table>
<thead>
<tr>
<th>Title</th>
<th>How to marbleize paper: step-by-step instructions for 12 traditional patterns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Grünebaum, Gabriele</td>
</tr>
<tr>
<td>Source</td>
<td>Dover Publications</td>
</tr>
<tr>
<td>Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>Pages</td>
<td>31 pages</td>
</tr>
<tr>
<td>Pub. date</td>
<td>1984</td>
</tr>
<tr>
<td>Resource type</td>
<td>Book</td>
</tr>
<tr>
<td>Descriptors</td>
<td>Marbled paper, Endpapers, Manuals, Designs, Covers, Cover materials, Half bindings, Quarter bindings, 19th century bindings</td>
</tr>
<tr>
<td>Abstract</td>
<td>This volume is a complete illustrated step-by-step guide to the marbleizing process.</td>
</tr>
</tbody>
</table>

Database record 5

<table>
<thead>
<tr>
<th>Title</th>
<th>Hand bookbindings. From special collections in the Princeton University Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Princeton University Library</td>
</tr>
<tr>
<td>Source</td>
<td><a href="http://libweb5.princeton.edu/visual_materials/hb/hb.html">http://libweb5.princeton.edu/visual_materials/hb/hb.html</a></td>
</tr>
<tr>
<td>Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>Pages</td>
<td>N/A</td>
</tr>
<tr>
<td>Pub. date</td>
<td>2004</td>
</tr>
<tr>
<td>Resource type</td>
<td>Website</td>
</tr>
<tr>
<td>Descriptors</td>
<td>Bindings, Edges, Design, Leather, Covers, Medieval bindings, 19th century bindings, Folio format, Marbled paper, Cotton cloth, Raised bands, Headbands</td>
</tr>
<tr>
<td>Abstract</td>
<td>The craft and art of binding books by hand was vividly chronicled in an exhibition at Princeton University's Firestone Library. Entitled &quot;Hand Bookbindings: Plain and Simple to Grand and Glorious,&quot; the exhibition ran from November 10, 2002 through April 20, 2003 in the Library's main gallery. Now that the exhibition has run its course, it has been turned into an online display of over two hundred bind-</td>
</tr>
</tbody>
</table>
ings. They are divided thematically into twenty-six categories, listed above.

Database record 6

<table>
<thead>
<tr>
<th>Title</th>
<th>The leather bound book: Bookbinding with Peter Goodwin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Heffernan, Janette</td>
</tr>
<tr>
<td>Source</td>
<td>N/A</td>
</tr>
<tr>
<td>Volume</td>
<td>N/A</td>
</tr>
<tr>
<td>Pub.date</td>
<td>2007</td>
</tr>
<tr>
<td>Resource type</td>
<td>DVD</td>
</tr>
<tr>
<td>Descriptors</td>
<td>Binders, Binderies, Bindings, Leather, Lettering, Headbands, Sewing, Folding, Tools &amp; equipment</td>
</tr>
</tbody>
</table>

Abstract

In this DVD master bookbinder Peter Goodwin demonstrates in detail how he achieves this traditional binding, easily, with little fuss. Peter Goodwin has been binding books for over 64 years and is now perhaps one of the last fully apprenticed journeyman bookbinders still practicing his craft. The fully bound beautifully decorated leather book is a joy to behold and a joy from which to read. Soon the only way one can own one of these attractive and costly books will be to do it yourself.

Filmed by TV producer Janette Heffernan in the bindery.