DHM 2573—Some Suggestions

Helen Clements, OSU Library
Email helen.clements@okstate.edu
For Dr. Mary Ruppert-Stroescu
http://info.library.okstate.edu/DHM2573

SUBJECT GUIDE (LIBGUIDE) FOR THIS COURSE
Innovations? Trends?

More than just fabric

Smart fabrics have been under development for over a decade, but have yet to make a major commercial impact. As technological advances in materials come on stream, however, the next 10 years could
Your Research Probably

- Will lead you in some directions you didn’t expect;
- May take a while longer than you thought;
- Can introduce you to new resources;
- Can open new vistas for you!
Be Eclectic

• Think about using your WGSN article as a springboard. It gives you some particulars. How does this fit into a broader trend, or area of research? Is your fabric a new one? Is it a new type of garment?

• Can you find some research literature that relates to developing this kind of fabric/garment?

• Where in the textile and apparel industries is your fabric/garment apt to be used/popular?

• How will end customers use it?
Think About Your Network

• Professional Organizations: AATCC, Costume Society of America, International Textile and Apparel Association (ITAA), American Association of Family and Consumer Sciences

• Research Laboratories at universities and government agencies—including the U.S. Department of Agriculture

This was inspired by a from a blog entry by Nicola Davies on the AATCC website, retrieved March 1, 2016. This has links to other sites, though I saw one typo on her personal website.

http://www.aatcc.org/pub/aatcc-news/newsletters/0316a-story1/
This image came from an article in Business Week.
Images

• LibGuide at the University of Dayton with links to sources of images for educational use:
  • [http://libguides.udayton.edu/c.php?g=15205&p=82866](http://libguides.udayton.edu/c.php?g=15205&p=82866)
  • There is a LibGuides community sponsored by the vendor, Springshare. The Knowledge Hub at Dayton has given me permission to use the link. (If you give feedback on their guide, I’ll pass it along!)
Suggested Databases

• Trends in the textile and garment industry:
  – EBSCO—Business Source Premier
  – ProQuest—ABI/Inform

• Research on new textile products
  – Engineering Village (Compendex)
  – Science Direct
  – Publishers: Bloomsbury, CRC,

• Arts, Architecture, Design
  – EBSCO—Art and Architecture Complete
  – EBSCO—Academic Search Premier
Business Week Record—
Note the Subjects and the NAICS Codes
Design and fabrication of Temperature Sensing Fabric.

Authors: Husain, Muhammad Dawood¹ dawood@neduet.edu.pk
         Kennedy, Richard²
         Dias, Tilak³


Document Type: Article

Subject Terms: *RESEARCH
               *MANUFACTURING processes
               *TEXTILE Industry
               TEMPERATURE sensors
               MICROFABRICATION
               TEXTILES
               KNITTING

Author-Supplied Keywords: electronic flat-bed knitting machine
                          resistance temperature detector
                          Temperature sensor
                          textile sensors
                          wire inlaying into knitted structure

NAICS/Industry Codes: 315110 Fiber, Yarn, and Thread Mills
                      313240 Knit Fabric Mills
                      334513 Instruments and Related Products Manufacturing for Measuring, Display
                      333994 Industrial Process Furnace and Oven Manufacturing
                      414190 Piece goods, notions and other dry goods merchant wholesalers
                      424310 Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
                      313210 Broadwoven Fabric Mills
                      314899 All Other Miscellaneous Textile Product Mills

Abstract: A temperature sensing fabric is described, along with the manufacturing techniques.
Textiles Journals in Art & Architecture Complete

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<tr>
<th>Journal Name</th>
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<tr>
<td>Textile: The Journal Of Cloth &amp; Culture</td>
<td>03/01/2003 To Present</td>
<td>03/01/2003 To 11/01/2010</td>
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<td>Textile Museum Journal</td>
<td>01/01/1980 To 01/01/2003</td>
<td>01/01/1980 To 01/01/2003</td>
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<td>Textile History</td>
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<td>Clothing &amp; Textiles Research Journal</td>
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<td>International Textiles</td>
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<td>AFF: American Fabrics &amp; Fashions</td>
<td>01/01/1982 To 06/01/2008</td>
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<td>Dress (Maney Publishing)</td>
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<td>Book Of Looms: A History Of The Handloom From A</td>
<td>01/01/1993</td>
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<td>International Journal Of Fashion Design, Technology</td>
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Note: These journals may also be indexed in other databases! This is a sample.
Journal IS Peer Reviewed

Publications
Previous Record | Next Record

Search within this publication

Publication Details For "International Journal of Fashion Design, Technology & Education"

Title: International Journal of Fashion Design, Technology & Education
ISSN: 1754-3266

Publisher Information: Taylor & Francis Ltd
4 Park Square
Milton Park
Abingdon
Oxfordshire OX14 4RN
United Kingdom of Great Britain & Northern Ireland

Bibliographic Records: Selective coverage back to 2008
Publication Type: Academic Journal

Subjects: Fashion Design; Fashion Industry

Description: Publishes articles on fashion design and education, pattern cutting, manufacturing technology, and apparel technology, theory, educational practices and techniques in the fashion and textile industries.

Publisher URL: http://www.informaworld.com/smpp/title-db=all-content=t778749999

Frequency: 5

Peer Reviewed: Yes
You may need to look in a journal collection beyond one of the databases.
Active T-shirt
Yavuz #enol Taner Akkan Ender Yazgan Bulgun Ozan Kayacan

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Active T-shirt

Yavuz Şenol
Department of Electrical and Electronics Engineering,
Dokuz Eylül University, Izmir, Turkey

Taner Akkan
Department of Mechatronics, İzmir Vocational School,
Dokuz Eylül University, İzmir, Turkey, and

Ender Yazgan Bulgun and Ozan Kayacan
Department of Textile Engineering, Dokuz Eylül University, İzmir, Turkey

Abstract
Purpose – The purpose of this paper is to realize an electronic circuit design on the fabric surfaces to form a fully integrated functional active T-shirt structure.

Design/methodology/approach – Functional products combining textile, electronics and the software have attracted great attention in recent years. The integration of the electrical and electronic devices on the garment surface using conductive threads is a challenging issue considering conductiveness, long durability, washability and manufacturing process. As an application, a group of
Other Places to Check for Quality

• UlrichsWeb database (directory of journals and magazines) [http://www.library.okstate.edu/databases/u/ulrichsweb](http://www.library.okstate.edu/databases/u/ulrichsweb)
• Is the journal available only by subscription (most traditional academic journals)?
• Is it available via Open Access?

• Hint about quality websites: ALWAYS Check the organization’s About page; Check for a copyright date for the site.

• Beall’s list [https://scholarlyoa.com/](https://scholarlyoa.com/)
If You Do Use the Wikipedia--

Look at the Talk tab to see how the article is currently rated, or if there are comments or disagreements about it.

Take a look at the Tools—What links here link. That will give you other suggestions for topics.