

References

1. Breen DE, House DH, Wozny MJ. A Particle-Based Model for Simulating the Draping Behavior of Woven Cloth. *Text Res J.* 1994; 64(11): 663-685.
2. Pattanayak AK, Ameersing L, Asimananda K. Prediction of Drape Profile of Cotton Woven Fabrics Using Artificial Neural Network And Multiple Regression Method. *Text Res J.* 2010; 81(6): 559-566.
3. Mooroka H, Niwa M. Relation Between Drape Coefficient and Mechanical Properties of The Fabric. *Journal of Textile Institute* 1976; 22(3): 63-67.
4. Chattopadhyay R, Guha A. Artificial Neural Networks: Applications to Textiles. *Textile Progress* 2004; 35(1): 1-46.
5. Ghith A, Hamdi T, Fayala F. Prediction of Drape Coefficient by Artificial Neural Network. *Autex Research Journal* 2015; 15(4): 266-274.
6. Behera BK, Pattanayak AK, Mishra R. Prediction of Fabric Drape Behaviour Using Finite Element Method. *Journal of Textile Engineering* 2008; 54(4):103-110.
7. Niwa M, Seto F. Relationship Between Drapability and Mechanical Properties of Fabrics. *Journal of Textile Match Soc of Japan* 1986; 39(11):161-168.
8. Viswanaath S, Hayavadana J, Lakshminarayana J, Pradeepkumar, Kavitha A. New Methods of Assessment of Fabrics Drape. *Journal of Textile and Apparel Technology and Management* 2018; 10(3): 1-9.
9. Hamdi T, Ghith A, Fayala F. Fuzzy Logic Method for Predicting the Effect of Main Fabric Parameters Influencing Drape Phenomenon. *Autex Research Journal* 2020; 20(3):220-227.
10. Hamdi T, Ghith A, Fayala F. A Principal Component Analysis Method for Predicting the Correlation Between Some Fabric Parameters and the Drape. *AUTEX Research Journal* 2014;14(1): 22-27.
11. Basu A, Chellamani KP, Ramesh PR. Fabric Engineering by Means of an Artificial Neural Network. *Journal of the Textile Institute* 2002; 93(3):283-296.
12. Hu JL, Chan YF. Effect of Fabric Mechanical Properties on Drape. *Textile Research Journal* 1998; 68 (1) : 57-64.
13. Volle M. Analyse des données. 4ème éd, Economica, ISBN 2717832122 ; 1997.
14. Cusick GE. The Dependence of Fabric Drape on Bending and Shearing Stiffness. *Journal of the Textile Institute* 1965; 65(5): 596-606.
15. Benzecri J P. L'analyse des données. Paris Dunod ; 1976.
16. Saaty TL. Relative Measurement and its Generalization in Decision Making: Why Pairwise Comparisons are Central in Mathematics for the Measurement of Intangible Factors – The Analytic Hierarchy/Network Process. *Review of the Royal Academy of Exact, Physical and Natural Sciences, Series A: Mathematics (RACSAM)* 2008 ; 102 (2): 251–318.
17. Saaty TL. Peniwati K. Group Decision Making: Drawing out and Reconciling Differences. Pittsburgh, Pennsylvania: RWS Publications. 2008; ISBN 978-1-888603-08-8.
18. NF G 07-150 : 1984. Essais des étoffes, Détermination de la masse surfacique des tissus et des tricots. Normes Françaises.
19. Platttürk G G, Kılıç M. Measurement of Fabric Drape by the Methods Based on Image Analysis. *Tekstil ve Mühendis.* 2014; 21 (94): 31-45.
20. Hamdi T, Ghith A, Fayala, F. Study of Drape Parameter Using Image Analysis. *International Journal of Engineering Science and Technique* 2013; 5 (7): 1456-1464.
21. Jeong YJ, Philips DG. A Study of Fabric-Drape Behavior with Image Analysis Part I: Measurement, Characterization, and Instability. *Journal of the Textile Institute* 1998; 88(1): 59-69.

22. Box GEP, Wilson KB. On the Experimental Attainment of Optimum Conditions. *Journal of the Royal Statistical Society: Series B*. 1951; 13 (1): 1–45.
23. Goupy JP. Experiment Plan for Response Surfaces. 1st ed Dunod; 1999.
24. Hamdi T, Ghith A, Fayala F. Characterization of Drape Profile Using Fuzzy-C- Mean (FCM) Method. *Journal of Fibers and Polymers* 2017; 18(7): 1401-1407.
25. Cusick GE. The Measurement of Fabric Drape. *Journal of the Textile Institute* 1968; 59(6): 253–260.
26. Hu J. Structure and Mechanics of Woven Fabrics. Woodhead Publishing 2004. ISBN-9781855739048.