References

- 1. English W. *The textile Industry*. Longmans London: Green, 1967.
- 2. Geaguff C.M. Strength and elasticity of cotton threads. *Bull. Soc. Ind. Mulhouse* 1907; 77: 153–176.
- 3. Gurney H.P. The distribution of stresses in cotton products. J. Text. Inst. 1925; 16; T269-T289.
- 4. Peirce F.T. Tensile tests for cotton yarns; V. the weakest link theorems on the strength of long composite specimen. *J. Text. Inst* 1926; 17: T355–T368.
- 5. Sullivan R.R. A theoretical approach to the problem of yarn strength. *J. Appl. Phys* 1942; 13:157–167.
- 6. Platt M.M. Mechanics of Elastic Performance of Textile Materials: Part IV. Some Aspects of Stress Analysis of Textile Structures-staple-Fiber Yarns. *Text Res J.* 1950; 20: 519-538.
- 7. Gregory J. The relation between strength measurements made on fiber, fiber bundles, yarns and cloth. *J. Text Inst* 41: T515.
- 8. Gregory J. The strength of artificial yarn elements in relation to bulk and twist. *J Text Inst* 1953; 41: T30–T52.
- 9. Gregory J. The strength of twisted yarn elements in relation to the properties of the constituent fibers. *J Text Inst* 1953; 41:T499–T512.
- 10. Hearle JWS. The mechanics of twisted yarns: The influenceof transverse forces on tensile behaviour. *J Text Inst* 1958; 49: T389–T407.
- 11. Hearle J.W.S. Theoretical Analysis of the Mechanics of Twisted Staple Fiber Yarns. *Text Res J* 1965; 35: 1060–1071.
- 12. Treloar L. R. G and Riding G. A theory of the stress-strain properties of continuous filament yarns. *J Text Inst* 1963; 54: T156.
- 13. Zurek W, Frydrych I and Zakrzewski S. A Method of Predicting the Strength and Breaking Strain of Cotton Yarn. *Text Res* 1987; 57: 439-444.
- 14. Pan N. Prediction of statistical strength of twisted fiber structures. *J Mater Sci* 1993; 28: 6107-6114.
- 15. Pan N, Hua T, and Qiu Y. Relationship Between Fiber and Yarn Strength. *Text Res J* 2001; 71: 960–964.
- 16 Pan N. Develpment of a Constitutive Theory for Short Fiber Yarns: Mechanics of staple yarn with out slippage effect. *Text Res J* 1992; 62: 749–765.

- 17. Gosh A, Ishtiaque S.M and Rengasamy R.S. Analysis of spun yarn failure. Part II: Translation of strength from fibers bundle to different spun yarns. *Text Res J* 2005; 75(10): 741-744
- 18. Neckář B and Das D. *Theory of Structure and Mechanics of Fibrous Assemblies*. New Delhi: Woodhead Publishing India, 2012
- 19. Neckář B and Soni M. K. Modeling of Radial Fiber Migration in Yarn. *Text Res J* 2006; 76: 486-491.
- 20. Liu T, Choi K. F and Li Y. Mechanical modeling of single yarns. *Text Res J* 2007; **77**: 123-130.