References

1. üdick. Ein Studie uber die Ring spindle. *Dinglers Polytech [J]*. 1881; 242, 334.
2. Mack C. Theory of spinning balloon. *Q. J. Mech. Appl. Math*. 1958; 11:196-207.
3. Barr A E D. The role of air drag in spinning. *J. Text. Inst*. 1961; 52: 126-139.
4. Barr A E D and Calting H. *The principles and Theory of Ring Spinning*, Manchester: The Textile Institute and Butter worth, 1965.
5. Bracewell G M and Greenhalgh K. Dynamical analysis of the spinning balloon. *J. Text. Inst*. 1953; 70(3): 89-95.
6. Batra S K, Ghosh T K and Zeidman M L. Integrated approach to dynamic analysis of the ring spinning process. Part I: Without air drag and coriolis acceleration. *Text. Res. J*. 1989; 59(6): 309-317.
7. Batra S.K, Ghosh T K and Zeidman M L. Integrated approach to dynamic analysis of the ring spinning process. Part II With air drag. *Text. Res. J*. 1989; 59(7): 416-424.
8. Fraser W B. On the theory of ring spinning. *Proc. R. Soc. Lond*. A 1993; 342: 439-468.
9. Fraser W B, Farnell L and Stump D M. Effect of yarn non-uniformity on the stability of the ring-spinning balloon. *Proc. R. Soc. Lond*. A 1995; 449:597-621.
10. Fraser W B, Clark J D, Ghosh T K, et al. The effect of a control ring on the stability of the ring-spinning balloon. *Proc. R. Soc. Lond*. A 1996, 452: 47-62.
11. Fraser W B, Farnell L and Stump D M. Effect of a stub on the stability of the ring-spinning balloon. *Journal of the Textile Institute* 1995; 86(4): 610-634.
12. Fraser W B. Air drag and friction in the two-for-twister: results from the theory. *Journal of the Textile Institute* 1993; 84(3): 364-375.
13. Hongbo Gu, Renzhe Chen. The approximate solution of space curve for balloon of the ring spinning formed by air resistance [J]. *Journal of China Textile University* 1998; 24 (4): 51-54.
14. Kuihua Zhan, Minzhu Huang and Yang jun. Double twisting spindle for balloon dynamics - form and tension for balloon and wharve silk [J]. Journal *of Textile Research* 2001: 2001:6-8.
15. Kuihua Zhan and Hanxian Zhong. The relation between yarn tension and balloon shape of double balloon [J]. *Journal of Textile Research* 2004; 25(02): 229-234.
16. Helali H, Babay Dhouib A, Msahli S and Cheikhrouhou M. Study of Specific Conditions to Control the Mechanical Behaviour of Dorlastan® Core Spun Yarn. Fibres and Textiles in Eastern Europe 2013; 21, 3(99): 55-60.
17. .Abuzadea RA, Gharehaghajia AA and Sadrib S. Study on the yarn compressive stresses at balloon control ring by signal processing. *Mechatronics* 2009; 19: 1152–1157.
18. Cave G E and Fraser W B. The effect of yarn elasticity on the stability of two for one twister balloon. *The Journal of Textile Institute* 2011; 102, 5: 373–388.
19. Jieqing Wang. Steady-state analysis of balloon shape and yarn tension [J]. *Journal of Textile Research* 1983; 02: 2-29.