

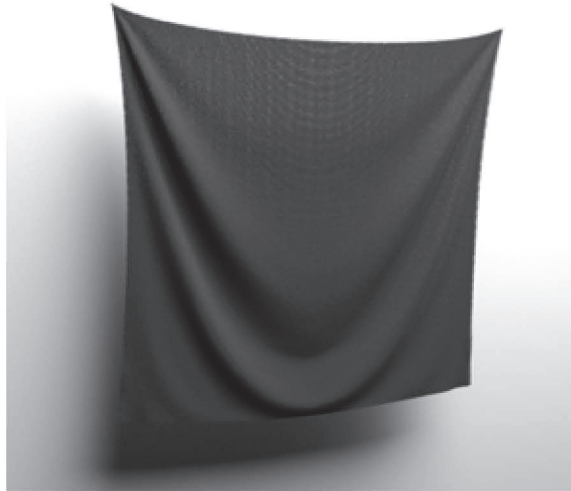


Fig. 1A



Fig. 1B

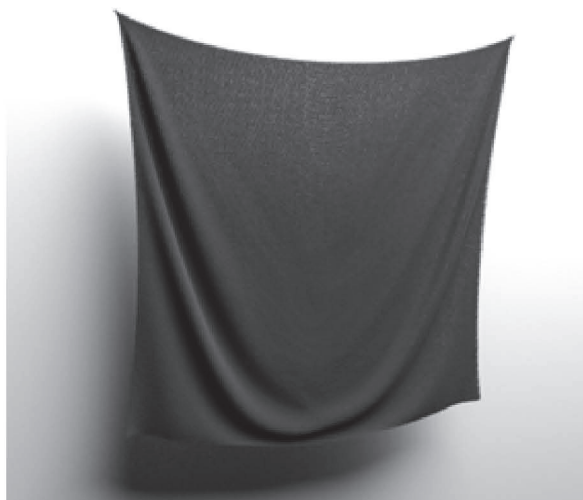


Fig. 1C

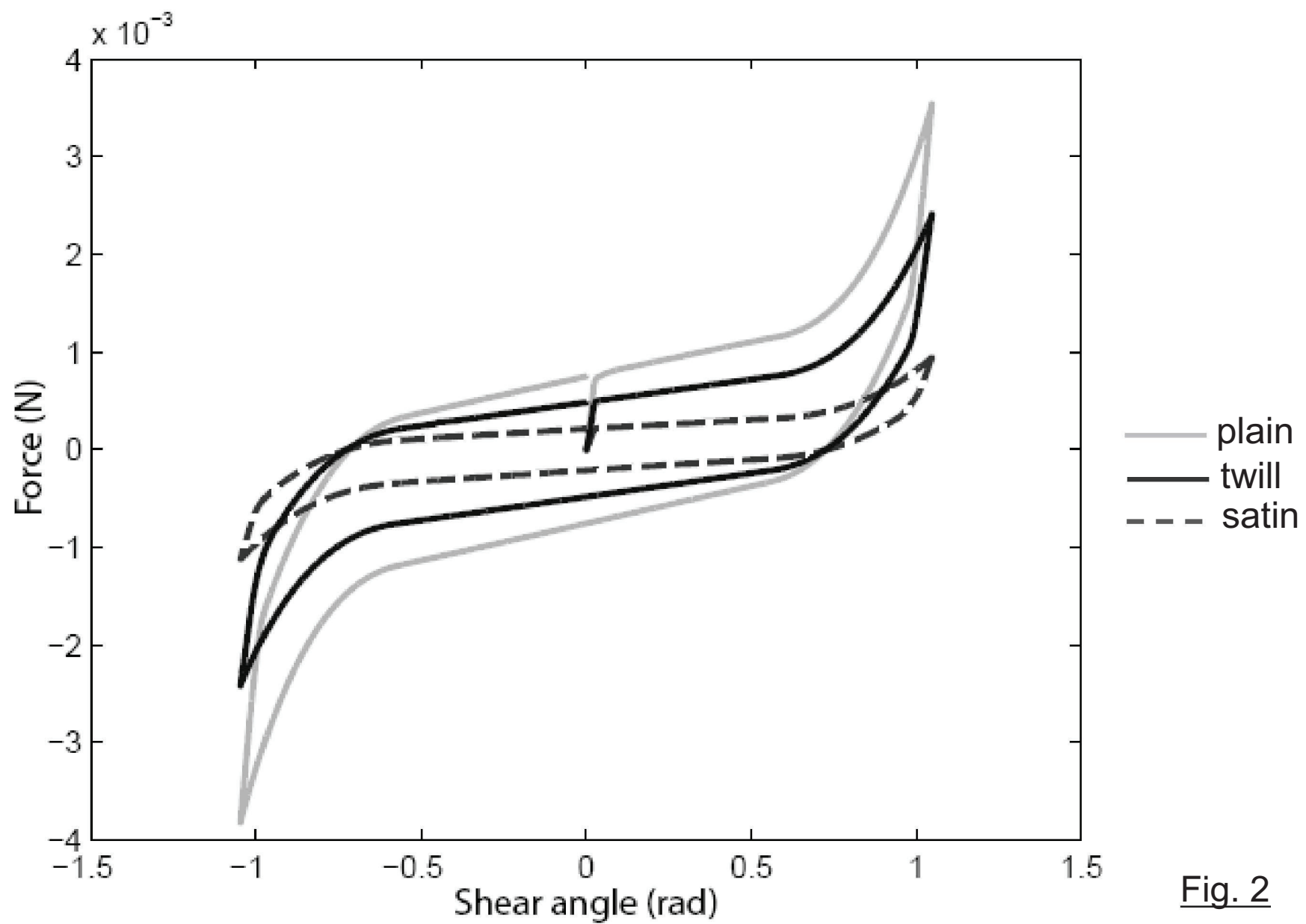
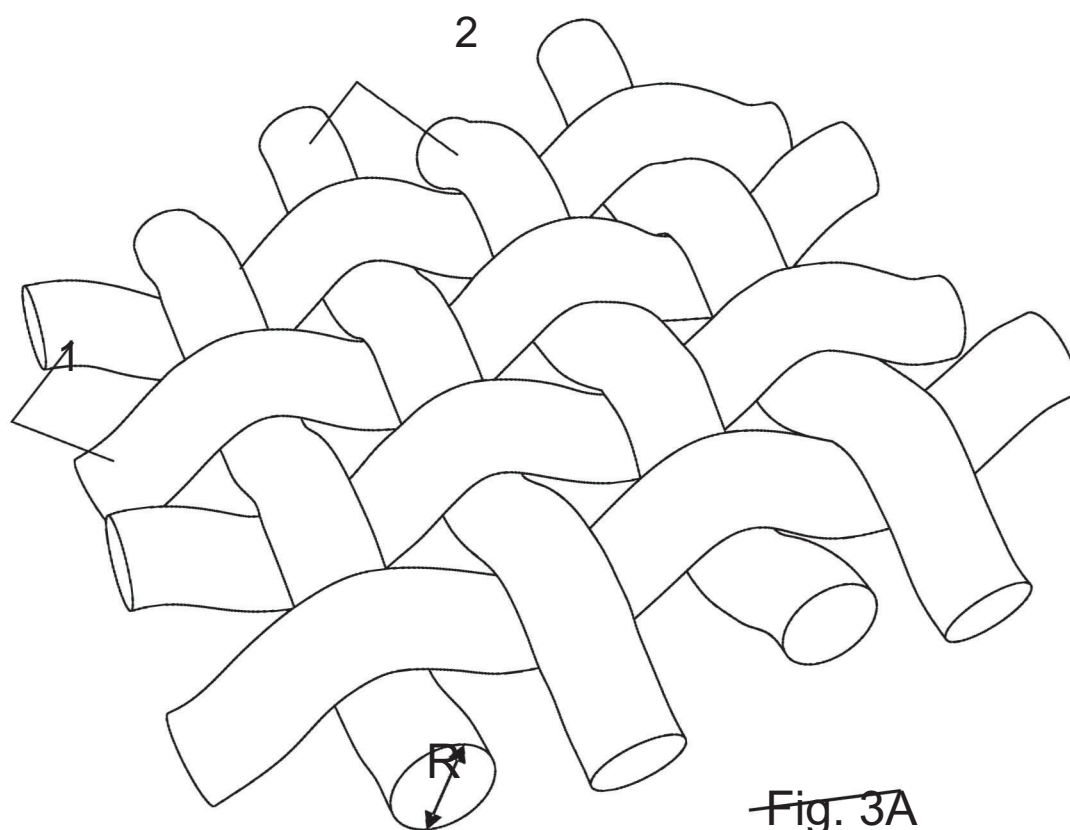
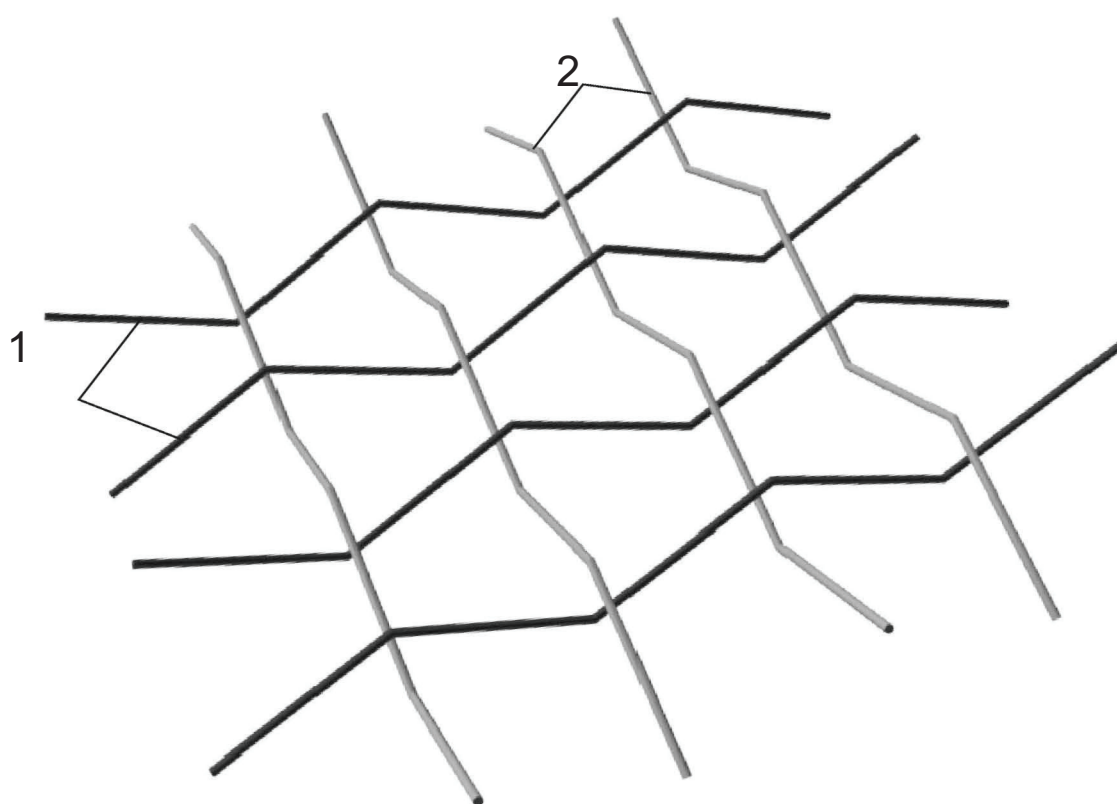


Fig. 2



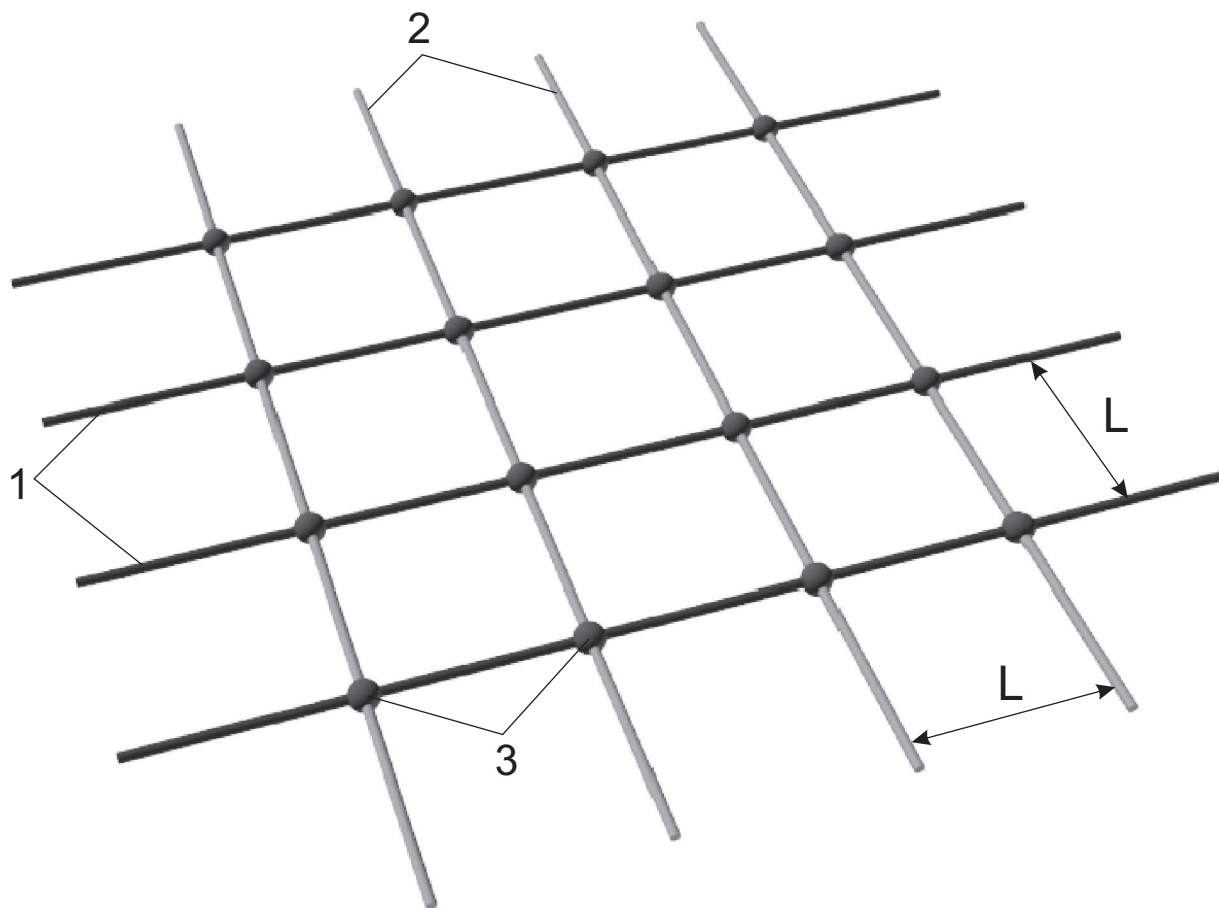


Fig. 3C

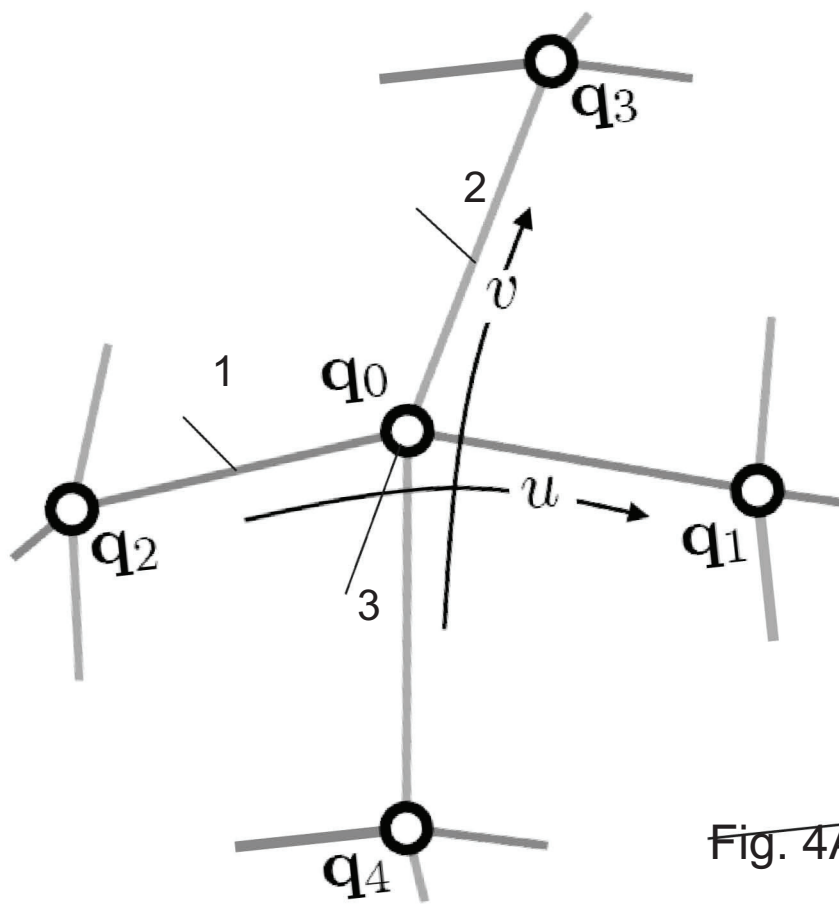


Fig. 4A

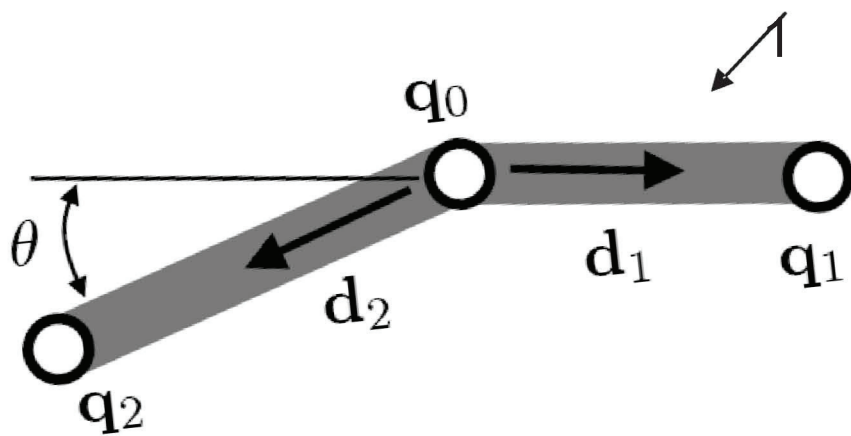


Fig. 4B

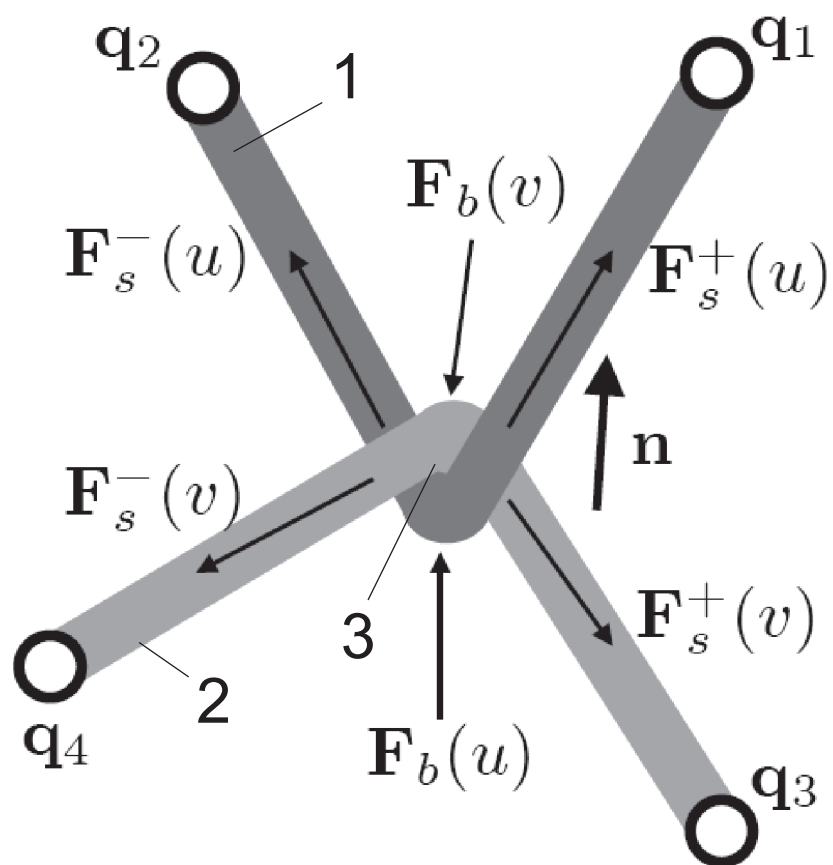


Fig. 4C

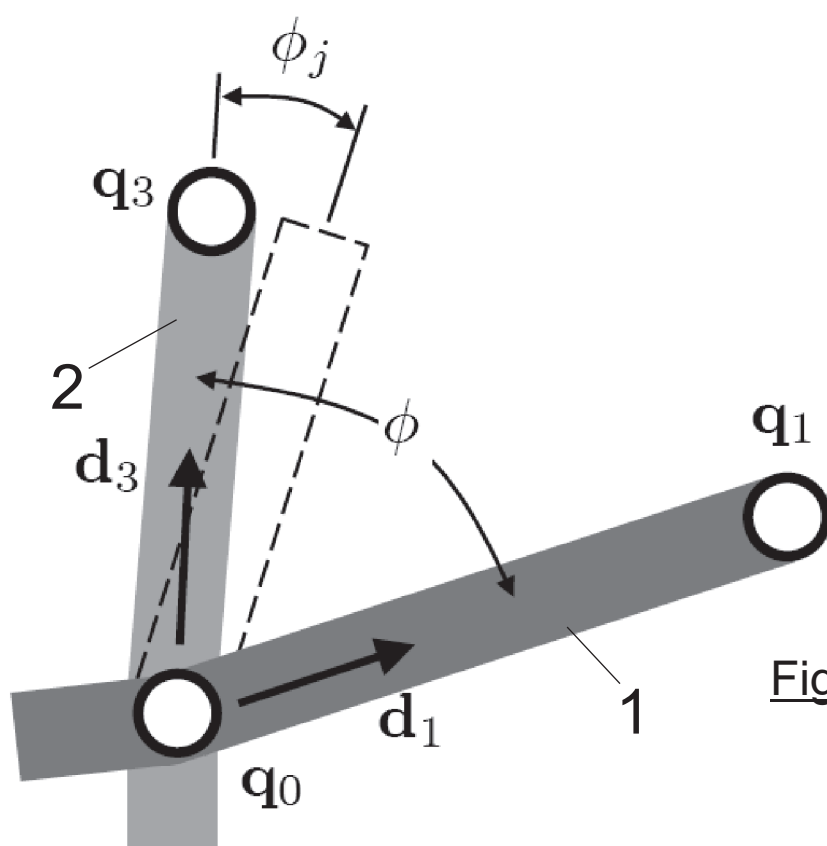


Fig. 4D

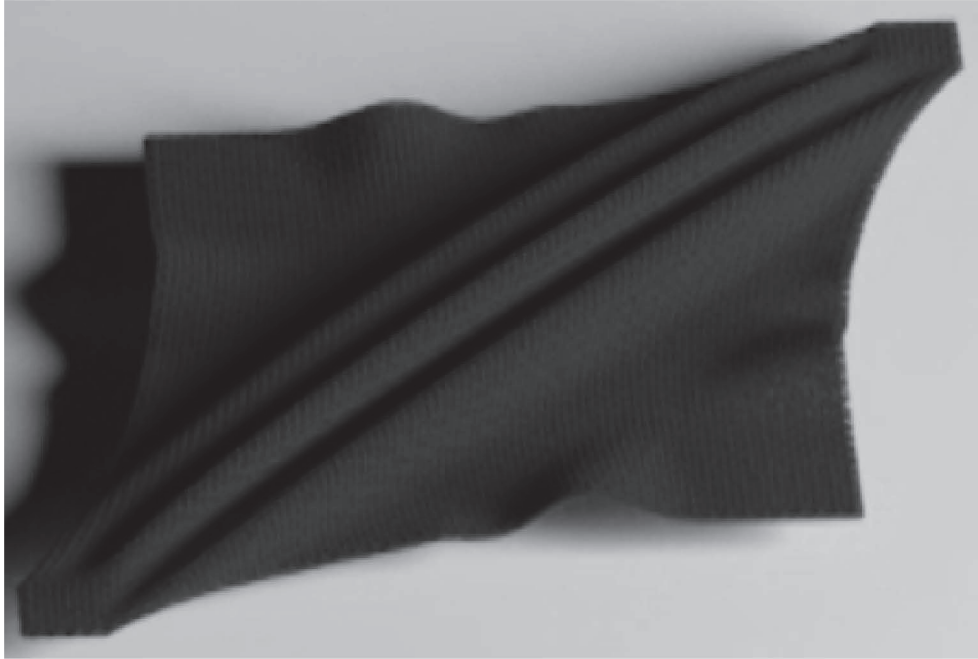


Fig. 5A



Fig. 5B

Example	Seg. length (mm)	Yarn radius (mm)	Elastic mod. (Pa)	Bending mod. (Pa)	Contact Shear mod. (Pa)	Sliding Fric. Coef.	α, β
Tank top (Fig. 6)	1	0.25	1e7	1e-2	1e4	0.3	10, 0.05
Long shirt (Fig. 8)	1	0.25	1e7	2e-2	1e4	0.3	20, 0.05
1M nodes sheet (Fig. 11)	0.254	0.06	1e7	1e-2	3e5	0.3	35, 0.01

Fig. 6

Example	Collisions	Forces	Jacobians	Solver
Tank top	322	28	280	2513
Long shirt	519	34	365	4033
1M nodes sheet	803	35	385	930

Fig. 7



Fig. 8



Fig. 9

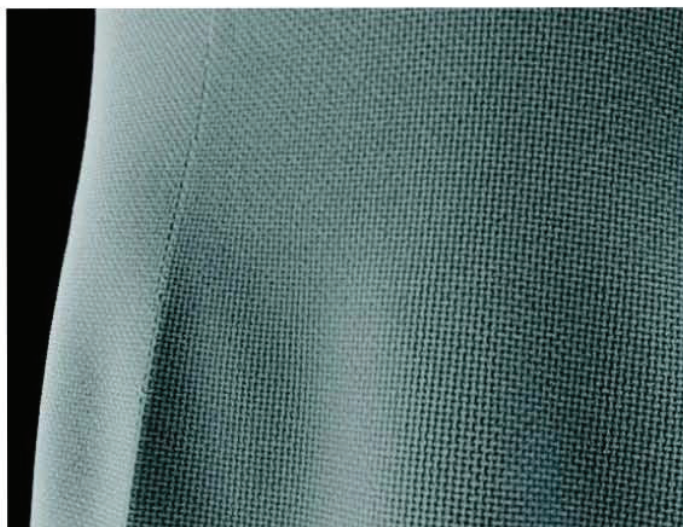
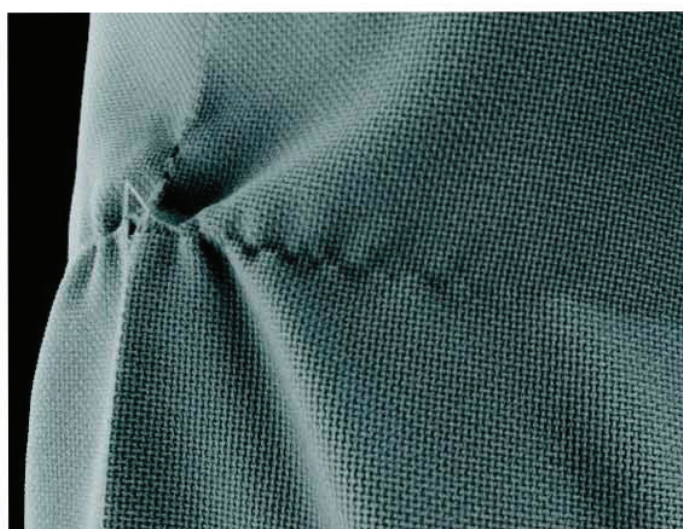


Fig. 10



Fig. 11A



Fig. 11B



Fig. 11C

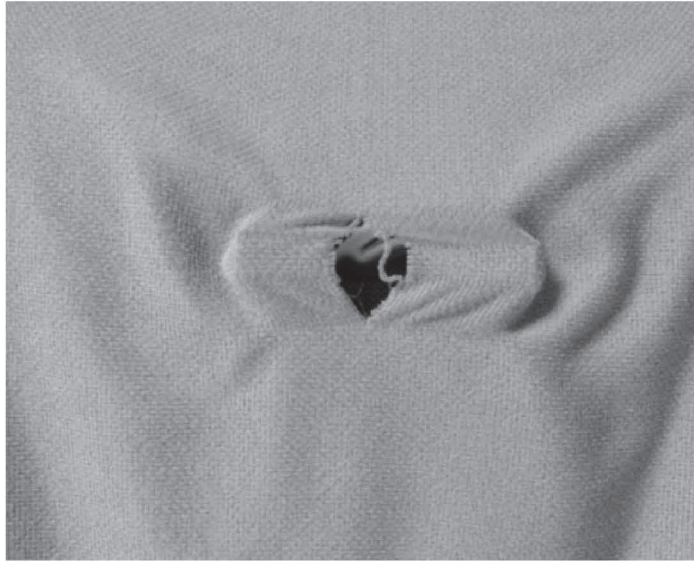


Fig. 12

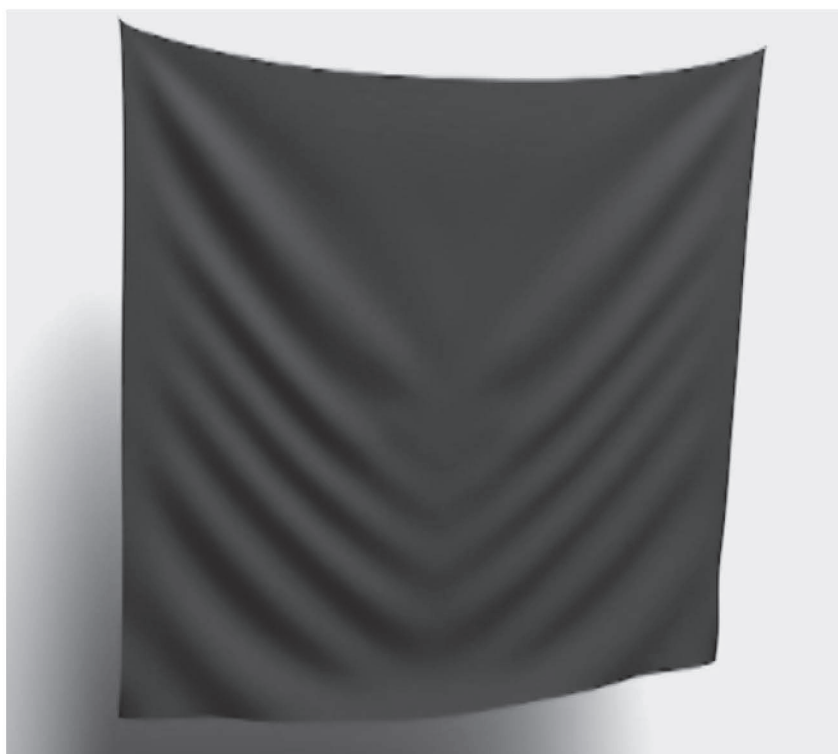


Fig. 13A

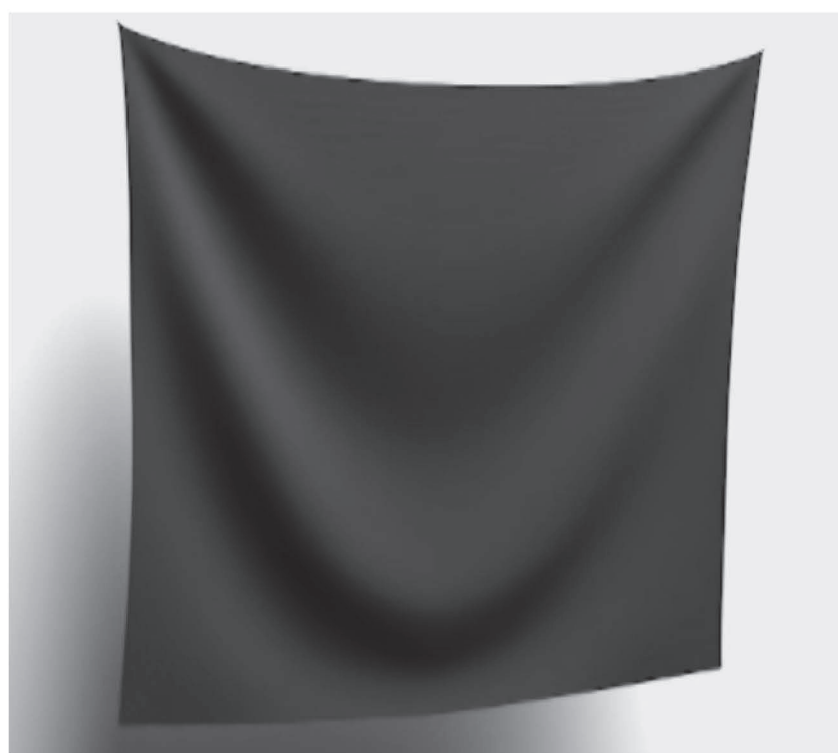


Fig. 13B