

Appendix B

To generate Pictures 2.1-2.2, we used for the stretch λ and the Biot stress $f = t/\lambda$ (with t the principal stress) the following data

λ	1	1.02	1.12	1.24	1.39	1.58	1.9	2.18	2.42
f	0	0.26	1.37	2.3	3.23	4.16	5.1	6	6.9
λ	3.02	3.57	4.03	4.76	5.36	5.75	6.15	6.4	
f	8.8	10.7	12.5	16.2	19.9	23.6	27.4	31	
λ	6.6	6.85	7.05	7.15	7.25	7.4	7.5	7.6	
f	34.8	38.5	42.1	45.8	49.6	53.3	57	64.4	

To generate Pictures 2.3-2.4, we used for the stretch λ and for the Biot stress divided for λ , f/λ , the following data

λ	1	1.027	1.065	1.115	1.14	1.20	1.31	1.42	1.68
f/λ	0	0.92	1.50	2.17	2.30	2.77	3.38	3.65	3.93
λ	1.94	2.49	3.03	3.43	3.75	4.07	4.26	4.45	
f/λ	4.01	3.93	4.17	4.28	4.64	4.94	5.27	5.54	

I thank Professor Ogden for having given me the above data.