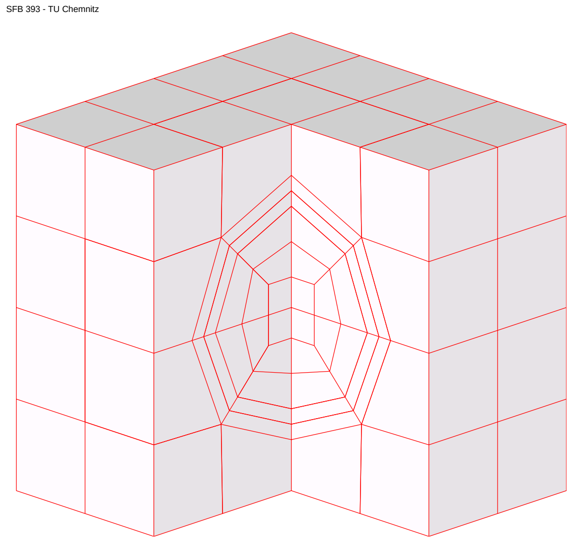
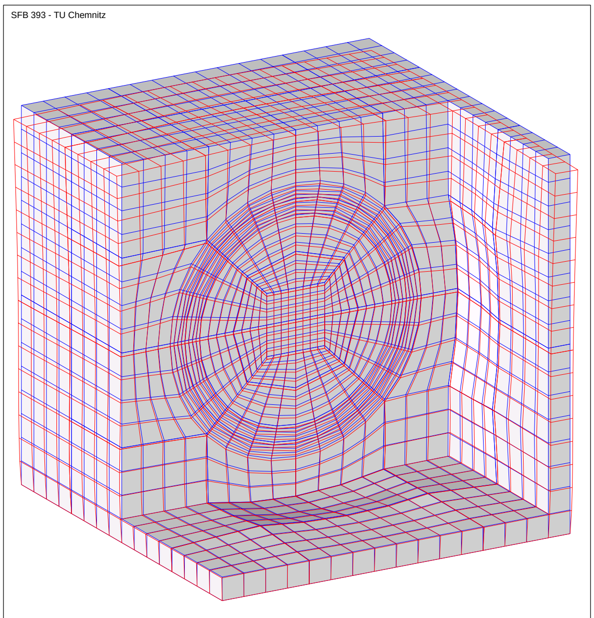
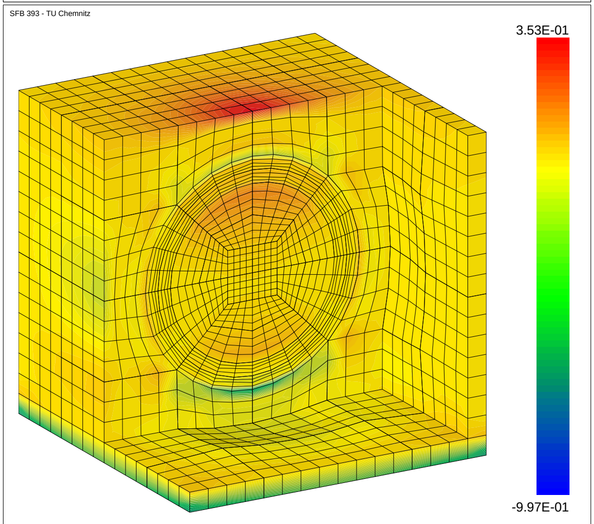


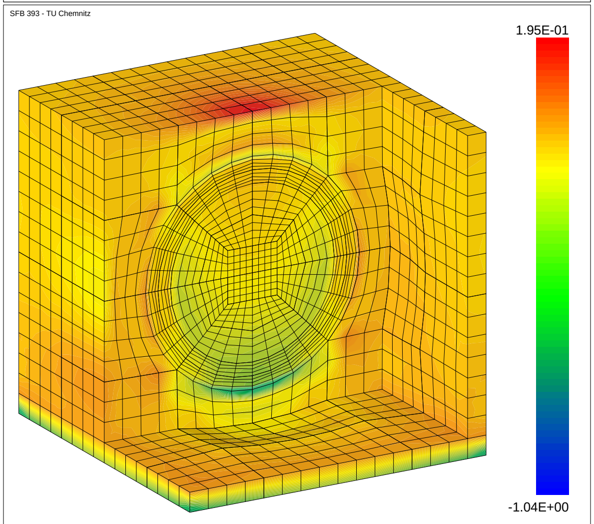
Chondrocyte - Startnetz: 229 Knoten, 160 Hexaeder



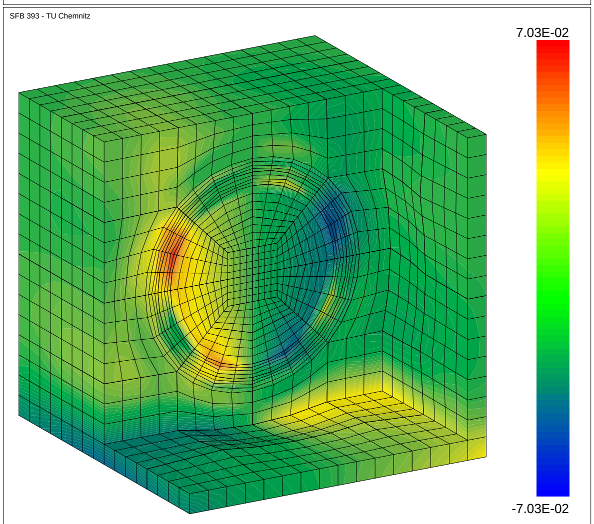
Chondrocyte - Level 2 - Mesh + (2x-)Deformation



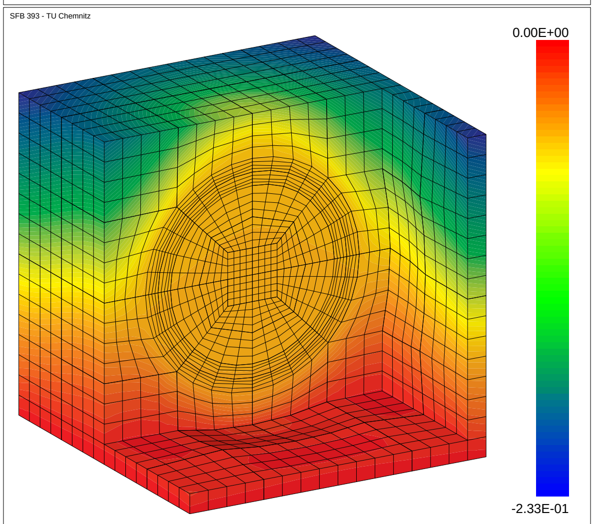
Chondrocyte - Level 2 sig_11



Chondrocyte - Level 2 sig_33



Chondrocyte - Level 2 sig_23

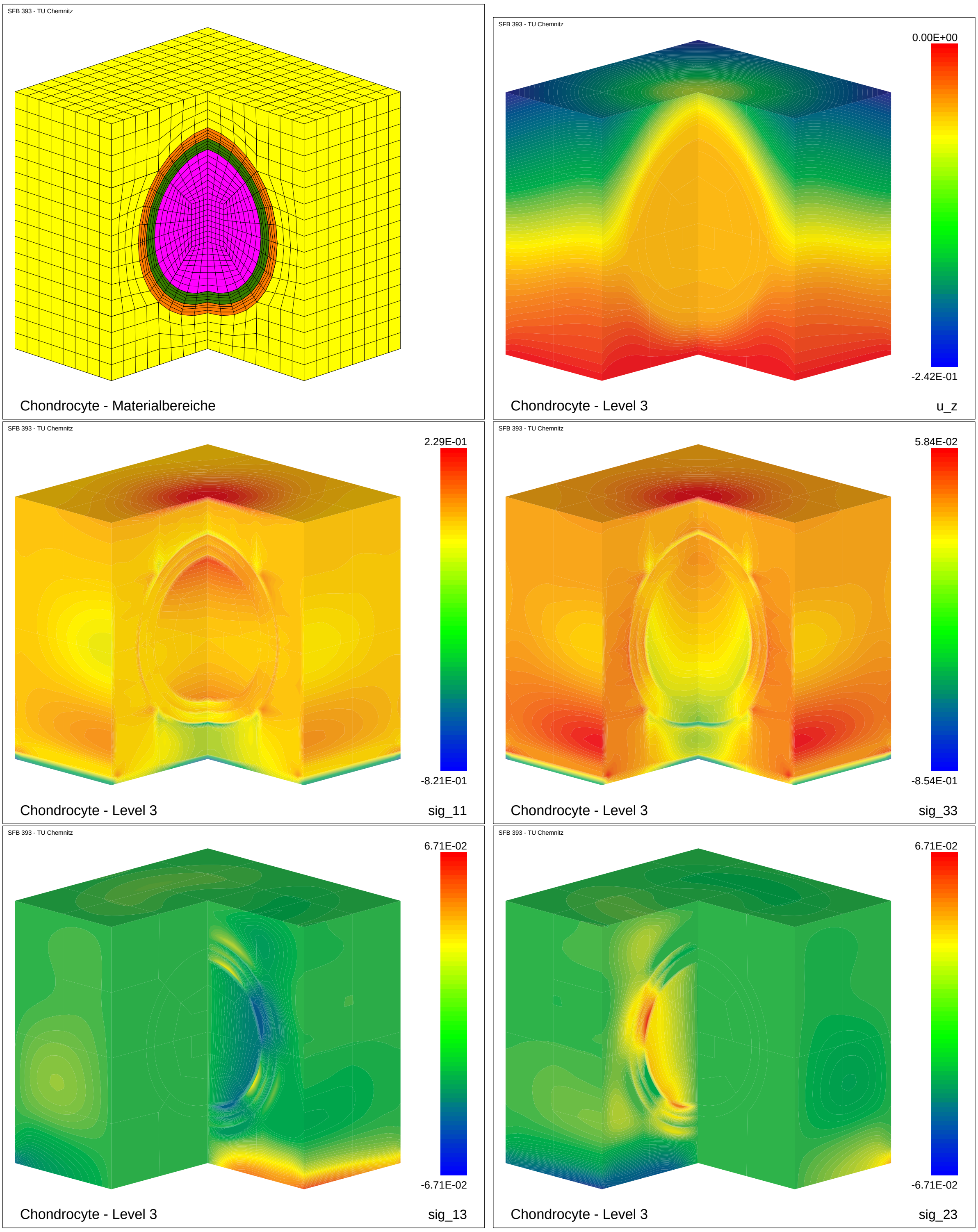


Chondrocyte - Level 2 - Vertical Displacement u_z

Kantenlänge: 12, Belastung vertikal: -0.1

Materialparameter von innen nach außen:

E	4	40	80	400
ν	0.49	0.40	0.35	0.30



Parall. Rechnung auf 32 Proz.:	Level	Freiheitsgrade	Iter.	Zeit	Kommunik.
	2	33 267	130	4 s	86 %
	3	255 459	153	15 s	70 %
	4	2 003 907	170	68 s	40 %
auf 64 (54) Prozessoren:	4	2 003 907	170	55 s	56 %
	5	15 878 019	186	302 s	30 %