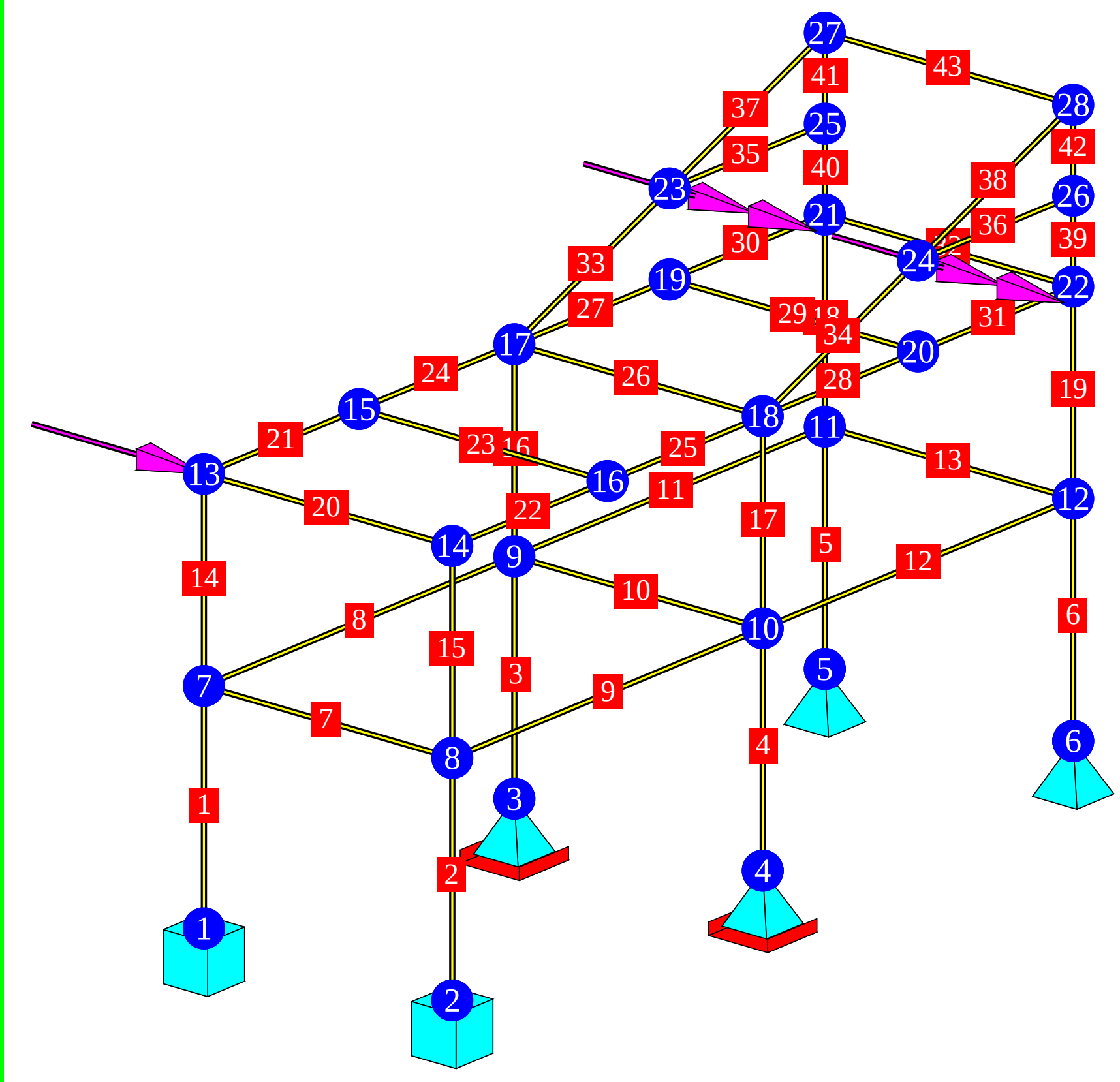
J. Dankert

Finite-Elemente-Baukasten FEMSET

23.07.2003

RAHMEN3D

Knotenverformungen

Knoten	Verschiebung u	Verschiebung v	Verschiebung w	Winkel PHIx	Winkel PHIy	Winkel PHIz
1	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
2	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000	0.000000000
3	0.000000000	-0.050703533	0.000000000	0.000052025	0.000536570	0.000232297
4	0.000000000	0.135413828	0.000000000	-0.000008919	0.000536579	0.000232335
5	0.000000000	0.000000000	0.000000000	0.000150702	-0.000051769	0.000250403
6	0.000000000	0.000000000	0.000000000	-0.000204066	-0.000051769	0.000250395
7	0.603290233	-0.091909249	0.001210182	0.000053915	0.000697520	0.000208931
8	0.603289329	0.142351611	-0.001086908	-0.000170487	0.000696911	0.000208777
9	0.341160197	-0.092323247	-0.000578011	0.000052025	0.000206211	0.000232297
10	0.341160234	0.142549156	-0.001246694	-0.000008919	0.000206192	0.000232335
11	-0.030298277	-0.092370027	0.000896283	0.000044983	-0.000010080	0.000250403
12	-0.030298280	0.142688127	0.000805149	-0.000126949	-0.000010081	0.000250395
13	1.212756338	-0.107830891	0.001660499	0.000040738	0.000442407	0.000408665
14	1.211838830	0.246128647	-0.001443648	-0.000058765	0.000441274	0.000407650
15	0.843724160	-0.107729450	0.055578103	0.000038192	0.000083626	0.000467505
16	0.843723397	0.246142671	0.024003173	0.000075430	0.000083361	0.000466924
17	0.481448264	-0.107517839	-0.001272908	-0.000196237	0.000087615	0.000391310
18	0.481448575	0.246046527	-0.002142910	-0.000254754	0.000087604	0.000391413
19	0.210284605	-0.107158665	-0.027503302	0.000063392	0.000012773	0.000344660
20	0.210284546	0.246205273	-0.032069382	0.000089433	0.000012770	0.000344639
21	-0.040180689	-0.106807961	0.001670597	-0.000039261	-0.000004779	0.000336165
22	-0.040180684	0.246372489	0.001528370	-0.000094588	-0.000004781	0.000336166
23	0.220427273	-0.083779228	-0.062364143	0.000979929	0.000030323	0.000354966
24	0.220405957	0.275003147	-0.076155127	0.000994366	0.000030330	0.000354943
25	-0.040584368	-0.085154879	0.002022907	-0.000049736	0.000002478	0.000344182
26	-0.040584879	0.273637076	0.001869153	-0.000039426	0.000002478	0.000344161
27	-0.039685744	-0.108504048	0.002113081	0.000006004	0.000003404	0.000351310
28	-0.039685749	0.244861409	0.001951816	0.000026038	0.000003408	0.000351290

FEM-Berechnungsmodell