

解析モデルの違いによる完成時断面力の比較 (DL+PT) (1/3)

	(A) 設計時と同じ条件						(B) 検証モデル完成系						(C) 検証モデル架設計算						差分												
	N		Mi		Mj		N		Mi		Mj		N		Mi		Mj		N		Mi		Mj		N		Mi		Mj		
	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	tf	tfm	
P C a床版	R18 -	-21.05	-2.13	-5.38	-18.308	-0.917	0.201	-15.596	-0.553	-1.157	-15.597	-1.158	-11.112	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R19 -	-21.05	-5.38	-5.33	-18.310	0.200	-8.032	-15.597	-1.158	-11.112	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R20 -	-17.74	-5.33	-0.85	-15.797	-7.509	1.286	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R21 -	-17.74	-0.85	-0.51	-15.795	1.284	0.729	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R20 -	6.62	-0.51	-9.43	8.584	2.155	0.147	13.681	3.082	-0.864	13.683	-0.866	-14.161	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R21 -	6.62	-9.43	-9.88	8.586	0.145	-11.212	13.683	-0.866	-14.161	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R21 -	32.60	-9.88	-3.12	29.874	-12.817	-2.712	36.787	-16.514	-4.654	36.788	-4.644	-3.466	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R22 -	32.60	-3.12	-3.55	29.874	-2.705	-2.930	36.788	-4.644	-3.466	36.788	-4.644	-3.466	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R22 -	27.02	-3.55	-0.62	18.832	-5.804	2.910	22.470	-6.968	7.664	22.470	-6.968	7.664	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R23 -	27.02	-0.62	-0.46	18.832	2.913	2.278	22.469	7.667	12.949	22.469	7.667	12.949	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R23 -	20.72	-0.46	-0.27	11.251	2.274	7.072	17.604	12.785	9.727	17.604	12.785	9.727	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R24 -	20.72	-0.27	-0.15	11.250	7.069	2.516	17.602	9.726	-2.681	17.602	9.726	-2.681	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R24 -	3.02	-0.15	0.36	-5.281	3.455	8.956	-2.851	-3.066	8.385	-2.851	-3.066	8.385	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R25 -	3.02	0.36	0.47	-5.283	8.953	5.103	-2.853	-3.066	8.385	-2.853	-3.066	8.385	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R25 -	-18.50	0.47	-3.70	-24.822	5.756	5.462	-22.537	10.336	11.036	-22.537	10.336	11.036	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R26 -	-18.50	-3.70	-3.69	-24.825	5.460	-4.185	-22.540	11.033	2.383	-22.540	11.033	2.383	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R26 -	-51.58	-3.69	-4.67	-63.153	-4.315	-1.047	-54.882	3.458	4.915	-54.882	3.458	4.915	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R27 -	-51.58	-4.67	-4.66	-63.155	-1.046	-7.128	-54.884	4.913	-2.980	-54.884	4.913	-2.980	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R27 -	-50.00	-4.66	-3.43	-61.065	-7.061	-0.805	-52.110	-1.600	0.306	-52.110	-1.600	0.306	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R28 -	-50.00	-3.43	-3.36	-61.063	-0.805	-3.899	-52.108	0.302	-7.141	-52.108	0.302	-7.141	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R18 -	-20.83	-2.15	-5.67	-20.975	-1.009	-0.342	-37.065	-1.159	-1.790	-37.065	-1.159	-1.790	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R19 -	-20.83	-5.67	-5.72	-20.974	-0.342	-8.974	-37.064	-1.159	-1.790	-37.064	-1.159	-1.790	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R19 -	-22.93	-5.72	-2.35	-22.662	-9.456	0.036	-39.681	-12.599	-1.355	-39.681	-12.599	-1.355	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R20 -	-22.93	-2.35	-2.69	-22.663	0.034	0.228	-39.683	-1.358	0.587	-39.683	-1.358	0.587	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R20 -	-0.23	-2.69	-1.95	-2.130	-1.314	2.433	-14.288	-1.432	2.278	-14.288	-1.432	2.278	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R21 -	-0.23	-1.95	-1.49	-2.132	2.430	-3.121	-14.290	2.274	-3.314	-14.290	2.274	-3.314	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R21 -	20.71	-1.49	-11.87	12.894	-1.707	-1.832	5.025	-1.279	-4.136	5.025	-1.279	-4.136	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
	R22 -	20.71	-11.87	-11.45	12.893	-1.826	-11.249	5.023	-4.127	-16.283	5.023	-4.127	-16.283	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237
R22 -	41.67	-11.45	-0.58	32.233	-8.743	-0.678	33.688	-13.323	3.582	33.688	-13.323	3.582	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	
R23 -	41.67	-0.58	-0.74	32.233	-0.675	-1.907	33.687	-13.323	3.584	33.687	-13.323	3.584	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	
R23 -	29.27	-0.74	0.43	20.471	-2.360	5.953	32.557	10.833	10.097	32.557	10.833	10.097	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	
R24 -	29.27	0.43	0.30	20.472	5.951	4.966	32.558	10.098	0.064	32.558	10.098	0.064	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	
R24 -	6.18	0.30	0.28	0.925	3.642	9.413	20.096	0.087	8.211	20.096	0.087	8.211	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	1.942	2.129	1.237	
R25 -	6.18	0.28	0.17	0.927	9.411	5.883	20.097	8.212	7.038	20.097	8.212	7.038	-11.745	-10.336	0.147	-11.744	0.144	1.277	1.942	2.129	1.237	1.942									

解析モデルの違いによる完成時断面力の比較 (DL+PT) (2/3)

	(A) 設計時と同じ条件						(B) 検証モデル完成系						(C) 検証モデル架設計算						差分															
	N		Mi		Mj		N		Mi		Mj		N		Mi		Mj		N		Mi		Mj		N		Mi		Mj					
	tf	tfn	tfm	tfn	tfm	tfn	tf	tfn	tfm	tfn	tfm	tf	tfn	tfm	tfn	tf	tfn	tfm	tf	tfn	tfm	tf	tfn	tfm	tf	tfn	tfm	tf	tfn	tfm				
上弦材	R18 -	-8.43	-0.38	-0.61	-0.295	0.158	-8.910	-0.295	0.158	-0.638	0.100	-3.561	-0.638	0.100	-0.478	0.084	0.766	0.4871	-0.259	0.708														
	- R19	-8.43	-0.61	-1.48	0.158	-0.292	-8.909	0.158	-0.292	-0.065	-0.477	0.766	1.866	1.413	-0.477	0.766	1.866	4.872	0.708	1.413														
	R19 -	-11.85	-1.48	0.59	-1.298	0.185	-13.431	-1.298	0.185	-2.206	0.128	-10.841	-2.206	0.128	-1.583	0.180	-0.407	1.007	-0.728	-0.464														
	- R20	-11.85	0.59	-0.53	0.185	0.765	-13.432	0.185	0.765	0.128	1.560	-10.842	0.128	1.560	-1.584	-0.407	1.290	1.006	-0.464	2.085														
	- R20	-42.66	-0.53	-0.66	-0.836	0.108	-43.402	-0.836	0.108	-1.653	0.035	-46.662	-1.653	0.035	-0.741	-0.311	0.769	-4.001	-1.128	0.696														
	- R21	-42.66	-0.66	-4.27	0.108	0.150	-43.402	0.108	0.150	0.035	0.820	-46.663	0.035	0.820	-0.741	0.769	4.423	-4.002	0.696	5.093														
	- R21	-46.45	-4.27	2.90	-3.527	0.360	-44.323	-3.527	0.360	-5.239	0.479	-49.023	-5.239	0.479	2.130	0.746	-2.541	-2.570	-0.966	-2.422														
	- R22	-46.45	2.90	-4.21	0.360	2.669	-44.323	0.360	2.669	0.479	4.252	-49.023	0.479	4.252	2.130	-2.541	6.883	-2.570	-2.422	8.466														
	- R22	-50.32	-4.21	3.67	-4.075	0.314	-47.536	-4.075	0.314	-5.621	0.507	-54.399	-5.621	0.507	2.782	0.139	-3.358	-4.081	-1.407	-3.165														
	- R23	-50.32	3.67	-3.39	0.314	3.801	-47.535	0.314	3.801	0.507	5.733	-54.399	0.507	5.733	2.783	-3.358	7.189	-4.081	-3.165	9.121														
	- R23	-46.43	-3.39	3.13	-3.299	0.483	-39.417	-3.299	0.483	-2.843	0.596	-45.737	-2.843	0.596	7.010	0.089	-2.647	0.690	0.545	-2.534														
	- R24	-46.43	3.13	-2.52	0.483	3.363	-39.416	0.483	3.363	0.596	3.133	-45.736	0.596	3.133	7.011	-2.647	5.883	0.691	-2.534	5.653														
	- R24	-32.31	-2.52	2.42	-2.280	0.577	-24.040	-2.280	0.577	-3.075	0.654	-39.018	-3.075	0.654	8.266	0.240	-1.839	-6.712	-0.555	-1.762														
	- R25	-32.31	2.42	-0.75	0.577	2.531	-24.039	0.577	2.531	0.654	3.481	-39.017	0.654	3.481	8.267	-1.839	3.280	-6.711	-1.762	4.230														
	- R25	-2.82	-0.75	0.29	-0.411	0.383	5.672	-0.411	0.383	0.254	0.718	-7.258	0.254	0.718	8.493	0.338	0.098	-4.437	1.003	0.433														
	- R26	-2.82	0.29	-1.09	0.383	0.275	5.674	0.383	0.275	0.718	0.279	-7.256	0.718	0.279	8.495	0.098	1.367	-4.435	0.433	1.371														
	- R26	40.99	-1.09	-0.14	-0.945	0.058	45.746	-0.945	0.058	1.650	0.404	28.927	1.650	0.404	4.759	0.147	0.193	-12.060	2.742	0.539														
	- R27	40.99	-0.14	-1.71	0.058	0.158	45.747	0.058	0.158	0.404	-1.745	28.929	0.404	-1.745	4.760	0.193	1.867	-12.058	0.539	-0.036														
	- R27	51.31	-1.71	0.47	-1.580	0.007	54.173	-1.580	0.007	0.151	-0.151	28.421	0.151	-0.151	2.864	0.129	-0.459	-22.888	3.628	-0.617														
	- R28	51.31	0.47	-1.17	0.007	0.691	54.172	0.007	0.691	-0.151	-3.122	28.421	-0.151	-3.122	2.863	-0.459	1.861	-22.888	-0.617	-1.952														
	R18 -	10.34	-0.21	-0.91	-0.129	0.113	5.107	-0.129	0.113	-0.389	0.036	17.825	-0.389	0.036	-5.229	0.085	1.018	7.489	-0.175	0.941														
	- R19	10.34	-0.91	-1.68	0.113	-0.542	5.106	0.113	-0.542	0.036	-0.436	17.825	0.036	-0.436	-5.230	1.018	1.140	7.489	0.941	1.246														
	R19 -	4.88	-1.68	0.58	-1.307	0.121	2.681	-1.307	0.121	-2.056	0.045	14.219	-2.056	0.045	-2.203	0.375	-0.459	9.335	-0.374	-0.535														
	- R20	4.88	0.58	-0.96	0.121	0.651	2.682	0.121	0.651	0.045	1.248	14.221	0.045	1.248	-2.202	-0.459	1.615	9.337	-0.535	2.212														
	- R20	-26.40	-0.96	0.33	-0.959	0.238	-24.678	-0.959	0.238	-1.596	0.204	-18.579	-1.596	0.204	1.718	0.005	-0.094	7.817	-0.632	-0.128														
	- R21	-26.40	0.33	-0.87	0.238	0.537	-24.676	0.238	0.537	0.204	1.106	-18.577	0.204	1.106	1.720	-0.094	1.408	7.819	-0.128	1.977														
	- R21	-53.83	-0.87	-0.32	-1.489	0.118	-47.076	-1.489	0.118	-2.262	0.056	-49.924	-2.262	0.056	6.758	-0.618	0.441	3.910	-1.391	0.379														
	- R22	-53.83	-0.32	-4.35	0.118	0.827	-47.075	0.118	0.827	0.056	1.476	-49.924	0.056	1.476	6.759	0.441	5.172	3.910	0.379	5.821														
- R22	-52.66	-4.35	3.21	-3.391	0.146	-47.520	-3.391	0.146	-4.735	0.315	-49.915	-4.735	0.315	5.139	0.954	-3.061	2.744	-0.390	-2.892															
- R23	-52.66	3.21	-3.48	0.146	2.786	-47.519	0.146	2.786	0.315	4.467	-49.915	0.315	4.467	5.140	-3.061	6.268	2.744	-2.892	7.949															
- R23	-51.56	-3.48	3.20	-3.369	0.429	-48.341	-3.369	0.429	-2.147	0.604	-49.697	-2.147	0.604	3.216	0.113	-2.774	1.860	1.335	-2.599															
- R24	-51.56	3.20	-2.33	0.429	3.329	-48.341	0.429	3.329	0.604	2.458	-49.697	0.604	2.458	3.216	-2.774	5.659	1.860	-2.599	4.788															
- R24	-36.59	-2.33	2.28	-2.055	0.606	-31.297	-2.055	0.606	-1.846	0.641	-46.104	-1.846	0.641	5.290	0.275	-1.675	9.517	0.484	-1.640															
- R25	-36.59	2.28	-0.64	0.606	2.371	-31.298	0.606	2.371	0.641	2.230	-46.105	0.641	2.230	5.289	-1.675	3.012	-9.518	-1.640	2.871															
- R25	-8.26	-0.64	0.28	-0.183	0.442	-2.452	-0.183	0.442	0.630	0.691	-22.779	0.630	0.691	5.812	0.458	0.158	-14.515	1.271	0.407															
- R26	-8.26	0.28	-0.51	0.442	0.169	-2.454	0.442	0.169	-0.145	-0.145	-22.781	-0.145	-0.145	5.810	0.158	0.681	-14.517	0.407	0.367															
- R26	30.73	-0.51	-0.69	-0.293	0.049	35.282	-0.293	0.049	2.149	0.396	12.284	2.149	0.396	4.551	0.219	0.735	-18.447	2.661	1.082															
- R27	30.73	-0.69	-1.82	0.049	-0.506	35.280	0.049	-0.506	0.396	-2.255	12.283	0.396	-2.255	4.549	0.735	1.309	-18.448	1.082	-0.440															
- R27	35.05	-1.82	0.55	-1.475	0.030	40.392	-1.475	0.030	2.144	-0.086	15.182	2.144	-0.086	5.341	0.340	-0.515	-19.869	3.959	-0.631															
- R28	35.05	0.55	-1.11	0.030	0.637	40.393	0.030	0.637	-0.086	-3.212	15.183	-0.086	-3.212	5.342	-0.515	1.747	-19.868	-0.631	-2.102															

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