Tabla 4.1.1 - pág.25

Losas rectangulares apoyadas en su perímetro con carga uniforme
DISTRIBUCIÓN DE CARGA SEGÚN GRASHOF-MARCUS

CORRECCION DE MOMENTO MAXIMO DE TRAMO EN LOSA MACIZA

CARGA

$p_x = \chi_x \, p$

$p_y = \chi_y \, p$

Losa continua y losa sobre viga de hormigón

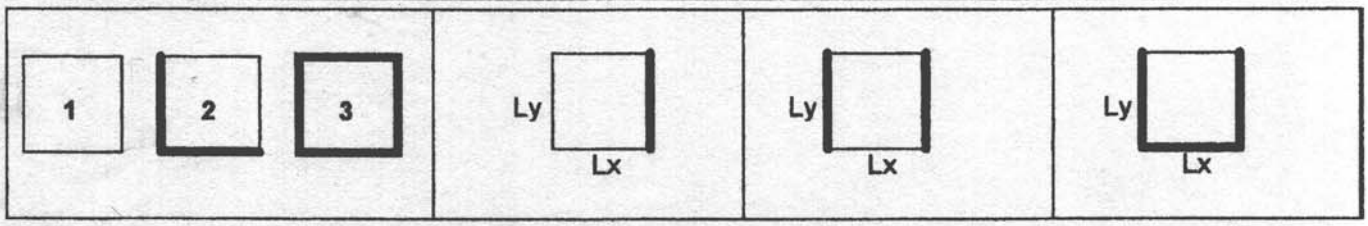
$M_x = \nu_x \cdot M_{xo}$

$M_y = \nu_y \cdot M_{yo}$

Losa sobre muro

$M_x = \frac{1 + \nu_x}{2} \cdot M_{xo}$

$M_y = \frac{1 + \nu_y}{2} \cdot M_{yo}$



Ly/Lx	χ_x	χ_y	$\nu_x = \nu_y$			χ_x	χ_y	ν_x	ν_y	χ_x	χ_y	ν_x	ν_y	χ_x	χ_y	ν_x	ν_y
			1	2	3												
0.50	0.059	0.941	0.804	0.890	0.935	0.864	0.136	0.820	0.745	0.762	0.238	0.840	0.735	0.111	0.889	0.877	0.896
0.55	0.084	0.916	0.770	0.870	0.923	0.813	0.187	0.795	0.710	0.686	0.314	0.827	0.712	0.155	0.845	0.858	0.880
0.60	0.115	0.885	0.734	0.850	0.911	0.756	0.244	0.773	0.682	0.607	0.393	0.818	0.697	0.205	0.795	0.842	0.866
0.65	0.151	0.849	0.701	0.832	0.900	0.692	0.308	0.756	0.659	0.528	0.472	0.814	0.689	0.263	0.737	0.827	0.854
0.70	1.194	0.806	0.670	0.814	0.890	0.625	0.375	0.744	0.641	0.453	0.547	0.815	0.690	0.324	0.676	0.816	0.845
0.75	1.240	0.760	0.644	0.799	0.881	0.558	0.442	0.738	0.631	0.387	0.613	0.818	0.697	0.387	0.613	0.809	0.838
0.80	0.291	0.709	0.621	0.787	0.874	0.493	0.507	0.737	0.628	0.328	0.672	0.825	0.708	0.450	0.550	0.805	0.835
0.85	0.343	0.657	0.605	0.777	0.868	0.433	0.567	0.739	0.633	0.277	0.723	0.833	0.722	0.512	0.488	0.803	0.835
0.90	0.396	0.604	0.592	0.770	0.864	0.379	0.621	0.744	0.641	0.233	0.767	0.842	0.737	0.568	0.432	0.805	0.836
0.95	0.449	0.551	0.585	0.766	0.862	0.329	0.671	0.752	0.651	0.197	0.803	0.851	0.753	0.620	0.380	0.809	0.839
1.00	0.500	0.500	0.583	0.765	0.861	0.286	0.714	0.762	0.665	0.167	0.833	0.861	0.769	0.667	0.333	0.815	0.844
1.05	0.548	0.452	0.587	0.767	0.862	0.247	0.753	0.773	0.679	0.141	0.859	0.870	0.784	0.709	0.291	0.822	0.850
1.10	0.593	0.407	0.592	0.770	0.864	0.215	0.785	0.783	0.695	0.121	0.879	0.878	0.798	0.745	0.255	0.829	0.855
1.15	0.636	0.364	0.599	0.775	0.867	0.186	0.814	0.795	0.711	0.103	0.897	0.887	0.811	0.777	0.223	0.837	0.862
1.20	0.675	0.325	0.609	0.781	0.870	0.162	0.838	0.806	0.727	0.088	0.912	0.894	0.824	0.806	0.194	0.844	0.869
1.25	0.709	0.291	0.622	0.787	0.874	0.141	0.859	0.816	0.743	0.076	0.924	0.901	0.836	0.830	0.170	0.852	0.875
1.30	0.741	0.259	0.635	0.794	0.878	0.123	0.877	0.827	0.757	0.065	0.935	0.908	0.846	0.851	0.149	0.860	0.882
1.35	0.769	0.231	0.649	0.802	0.883	0.108	0.892	0.836	0.771	0.057	0.943	0.914	0.856	0.869	0.131	0.869	0.888
1.40	0.793	0.207	0.663	0.810	0.888	0.094	0.906	0.846	0.783	0.050	0.950	0.919	0.865	0.885	0.115	0.875	0.894
1.45	0.815	0.185	0.677	0.818	0.892	0.083	0.917	0.854	0.796	0.043	0.957	0.924	0.874	0.898	0.102	0.881	0.899
1.50	0.835	0.165	0.691	0.826	0.898	0.073	0.927	0.863	0.808	0.038	0.962	0.929	0.881	0.910	0.090	0.888	0.905
1.55	0.854	0.146	0.704	0.834	0.902	0.070	0.930	0.870	0.817	0.034	0.966	0.932	0.887	0.920	0.080	0.894	0.911
1.60	0.868	0.132	0.718	0.841	0.906	0.058	0.942	0.876	0.828	0.030	0.970	0.937	0.895	0.929	0.071	0.899	0.915
1.65	0.882	0.118	0.731	0.848	0.910	0.052	0.948	0.884	0.837	0.026	0.974	0.940	0.901	0.936	0.064	0.903	0.919
1.70	0.893	0.107	0.742	0.855	0.914	0.046	0.954	0.889	0.845	0.023	0.977	0.944	0.906	0.943	0.057	0.909	0.923
1.75	0.905	0.095	0.754	0.862	0.918	0.040	0.960	0.896	0.853	0.021	0.979	0.947	0.911	0.950	0.050	0.914	0.927
1.80	0.913	0.087	0.765	0.868	0.922	0.037	0.963	0.900	0.860	0.019	0.981	0.949	0.916	0.954	0.046	0.918	0.931
1.85	0.920	0.080	0.776	0.874	0.925	0.033	0.967	0.906	0.867	0.016	0.984	0.952	0.920	0.960	0.040	0.922	0.934
1.90	0.929	0.071	0.785	0.880	0.929	0.030	0.970	0.910	0.874	0.015	0.985	0.954	0.924	0.963	0.037	0.926	0.937
1.95	0.935	0.065	0.795	0.885	0.932	0.027	0.973	0.915	0.881	0.014	0.986	0.957	0.928	0.966	0.034	0.929	0.940
2.00	0.941	0.059	0.804	0.890	0.935	0.025	0.975	0.917	0.886	0.012	0.988	0.959	0.932	0.970	0.030	0.933	0.943

FUENTE: Tablas y Abacos para Proyecto de Esctructura / Instituto de la Construcción de Edificios / Depto. de Estabilidad