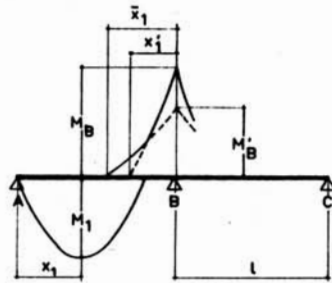


Vigas continuas con inercia constante - Tramos iguales - Igual carga permanente y eventual uniforme
MOMENTOS DE TRAMO Y APOYO - ABCISAS - CORTANTES



2 TRAMOS

MOMENTOS

$$M_1 = \frac{p \cdot l^2}{8}$$

$$M_B = \frac{p \cdot l^2}{8}$$

ABSCISAS

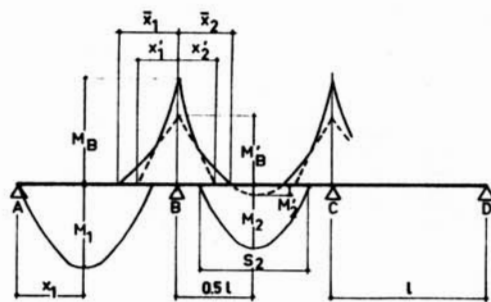
$$x_1 = X_1 \cdot l$$

$$x'_1 = 0.25 \cdot l$$

CORTANTES

$$V_1 = r_1 \cdot p \cdot l$$

g/p =	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
m1	10.45	10.75	11.07	11.40	11.75	12.12	12.50	12.90	13.32	13.76	14.22
m'B	16.00	14.54	13.33	12.31	11.43	10.66	10.00	9.41	8.89	8.42	8.00
X1	0.438	0.431	0.425	0.419	0.413	0.406	0.400	0.394	0.388	0.381	0.375
X1	1.000	1.000	0.750	0.542	0.438	0.375	0.333	0.304	0.282	0.264	0.250
rA1	max.	0.438	0.431	0.425	0.419	0.413	0.406	0.400	0.394	0.388	0.381
	min.	-0.062	-0.019	0.025	0.069	0.112	0.156	0.200	0.244	0.287	0.331
rB2	max.	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625
	min.	0.000	0.062	0.125	0.187	0.250	0.312	0.375	0.437	0.500	0.562



3TRAMOS

MOMENTOS

$$M_1 = \frac{p \cdot l^2}{8}$$

$$M_2 = \frac{p \cdot l^2}{8}$$

ABSCISAS

$$x_1 = X_1 \cdot l$$

$$S_1 = s_1 \cdot l$$

CORTANTES

$$V_1 = r_1 \cdot p \cdot l$$

g/p	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
m1	9.88	10.19	10.33	10.57	10.82	11.07	11.34	11.61	11.90	12.19	12.50
m2	13.33	14.28	15.38	16.67	18.18	20.00	22.22	24.00	24.00	24.00	24.00
m'2	-20.00	-23.53	-28.57	-36.36	-50.00	-80.00	-200.0	400.00	100.00	57.14	40.00
mB	8.57	8.70	8.82	8.96	9.09	9.23	9.38	9.52	9.68	9.84	10.00
m'B	20.00	18.18	16.67	15.38	14.29	13.33	12.50	11.76	11.11	10.53	10.00
X1	0.450	0.445	0.440	0.435	0.430	0.425	0.420	0.415	0.410	0.405	0.400
S2	0.775	0.748	0.721	0.693	0.663	0.632	0.600	0.578	0.578	0.578	0.578
X'1	0.233	0.230	0.227	0.223	0.220	0.217	0.213	0.210	0.207	0.203	0.200
X'2	0.255	0.257	0.259	0.261	0.263	0.265	0.267	0.269	0.271	0.273	0.276
X1	1.000	1.000	0.600	0.433	0.350	0.300	0.267	0.243	0.225	0.211	0.200
X2	-	-	-	-	-	-	-	0.416	0.342	0.303	0.276
rA1	max.	0.450	0.445	0.440	0.435	0.430	0.425	0.420	0.415	0.410	0.405
	min.	-0.050	-0.005	0.040	0.085	0.130	0.175	0.220	0.265	0.310	0.355
rB1	max.	0.617	0.615	0.613	0.612	0.610	0.608	0.607	0.605	0.603	0.602
	min.	-0.017	0.045	0.107	0.168	0.230	0.292	0.353	0.415	0.477	0.538
rB2	max.	0.583	0.575	0.567	0.558	0.550	0.542	0.533	0.525	0.517	0.508
	min.	-0.083	-0.025	0.033	0.092	0.150	0.208	0.267	0.325	0.383	0.442