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MATERIA: Análisis de estructuras

ACTIVIDAD: Modelado STAAD.PRO

CUATRIMESTRE: 5

GRUPO: LAR04EMC0121-A

**LUGAR Y FECHA: Comitán de Domínguez Chiapas, a; 02 de abril
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STAAD.Pro V8i (SELECSeries 6) - examen.std

File Edit View Tools Select Results Report Mode Window Help

Modeling Building Planner Piping Bridge Deck Postprocessing Foundation Design Steel Design RAM Connection Concrete Design Advanced Slab Design Earthquake

examen.std - Whole Structure

Load 1: Bending Z

examen.std - Beam End Forces:

Beam	L/C	Node	Fx kg	Fy kg	Fz kg	Mx MTon-m	My MTon-m	Mz MTon-m
1 1 SX		37	-1931.476	-502.090	10.003	0.010	-0.015	-1.055
		38	1931.476	502.090	-10.003	-0.010	-0.025	-0.951
2 SZ		37	-1716.515	-96.711	12.698	-0.008	-0.024	-0.228
		38	1716.515	96.711	-12.698	0.008	-0.027	-0.167
3 CM		37	-121.713	735.142	-0.066	0.004	0.000	0.592
		38	121.713	-735.142	0.066	-0.004	0.000	-0.511
4 CVM		37	-35.959	500.262	-0.059	-0.000	0.000	0.411
		38	35.959	-499.738	0.059	0.000	0.000	-0.411
5 CVA		37	-25.915	360.191	-0.042	-0.000	0.000	0.367
		38	25.915	-360.191	0.042	0.000	0.000	-0.367

examen.std - Beam Force Details:

Beam	L/C	Dist m	Fx kg	Fy kg	Fz kg	Mx MTon-m	My MTon-m	Mz MTon-m
1 1 SX		0.000	-1931.476	-502.090	10.003	0.010	-0.015	-1.055
		1.000	-1931.476	-502.090	10.003	0.010	-0.005	-0.551
		2.000	-1931.476	-502.090	10.003	0.010	0.005	-0.051
		3.000	-1931.476	-502.090	10.003	0.010	0.015	0.441
2 SZ		0.000	-1716.515	-96.711	12.698	-0.008	-0.024	-0.228
		1.000	-1716.515	-96.711	12.698	-0.008	-0.011	-0.128
		2.000	-1716.515	-96.711	12.698	-0.008	0.001	-0.031
		3.000	-1716.515	-96.711	12.698	-0.008	0.014	0.061

Post Mode Load 1: SX Input Units: kg-m

STAAD.Pro V8i (SELECSeries 6) - [examen.std - Rendered View]

File Edit View Tools Select Geometry Commands Analyze Mode Window Help

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examen.std - Rendered View

Load & Definition

Definitions

- 1 SX
- 2 SZ
- 3 CM
- 4 CVM
- 5 CVA
- 6 1.3CM + 1.5CVM
- 7 1.1 CM + 1.1 CVA + 1.1 SX + 0.3 SZ
- 8 1.1 CM + CVA + 1.1 SX - 0.3 SZ
- 9 1.1 CM + 1.1 - 1.1 SX + 0.3 SZ
- 10 1.1 CM + 1.1 CVA - 1.1 SX - 0.3 SZ
- 11 1.1 CM + 1.1 CVA + 1.1 SZ + 0.3 SX
- 12 1.1 CM + 1.1 CVA + 1.1 SZ - 0.3 SX
- 13 1.1 CM + 1.1 CVA - 1.1 SZ + 0.3 SX
- 14 1.1 CM + 1.1 CVA - 1.1 SZ - 0.3 SX
- 15 1.1 CM + 1.0 CVM

Load Envelopes

Toggle Load

Assignment Method

Assign To Selected Entities Use Cursor To Assign

Assign To View Assign To Edit List

Assign Close Help

Modeling Mo Input Units: kg-m