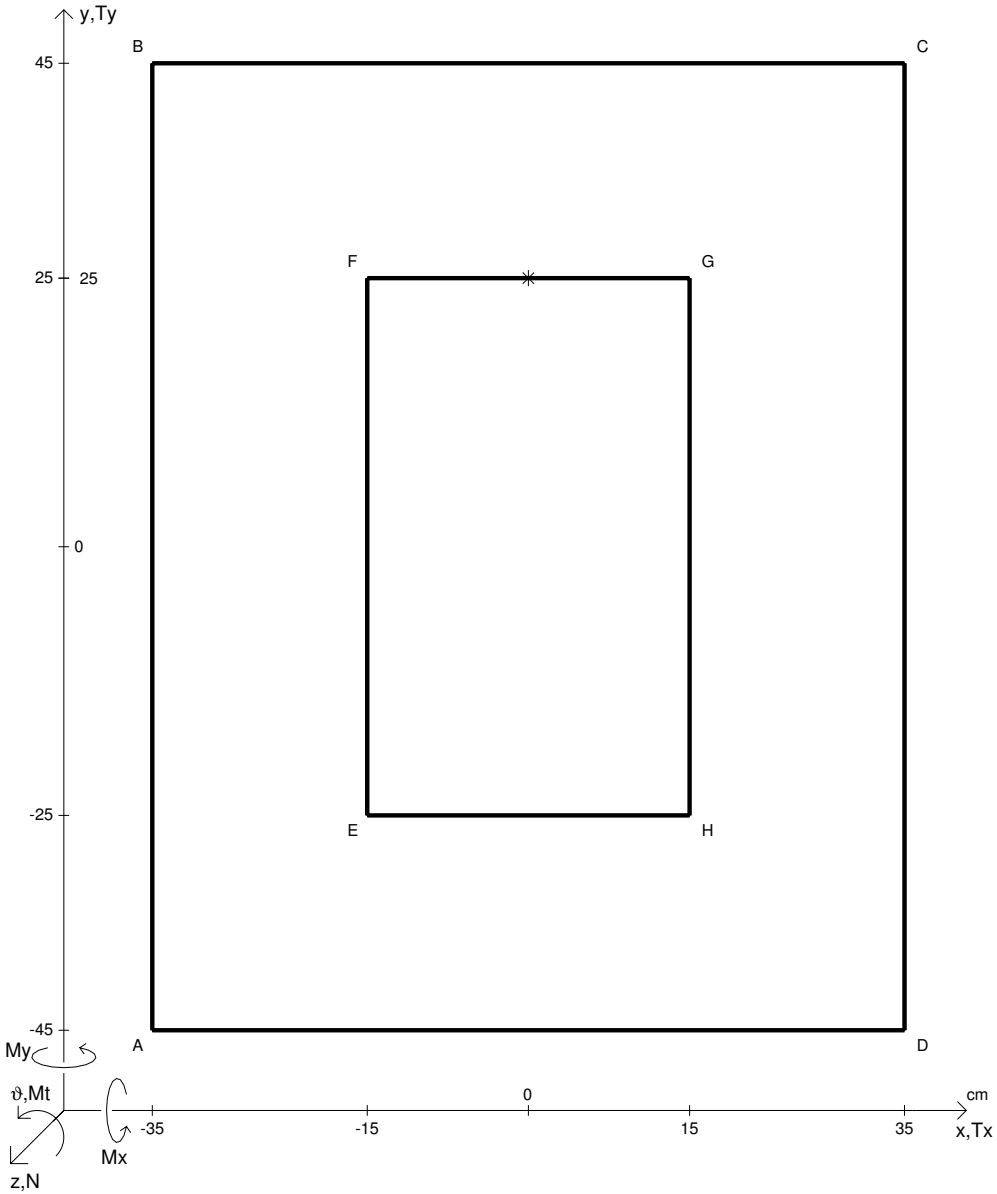

		N	= 4350000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3200000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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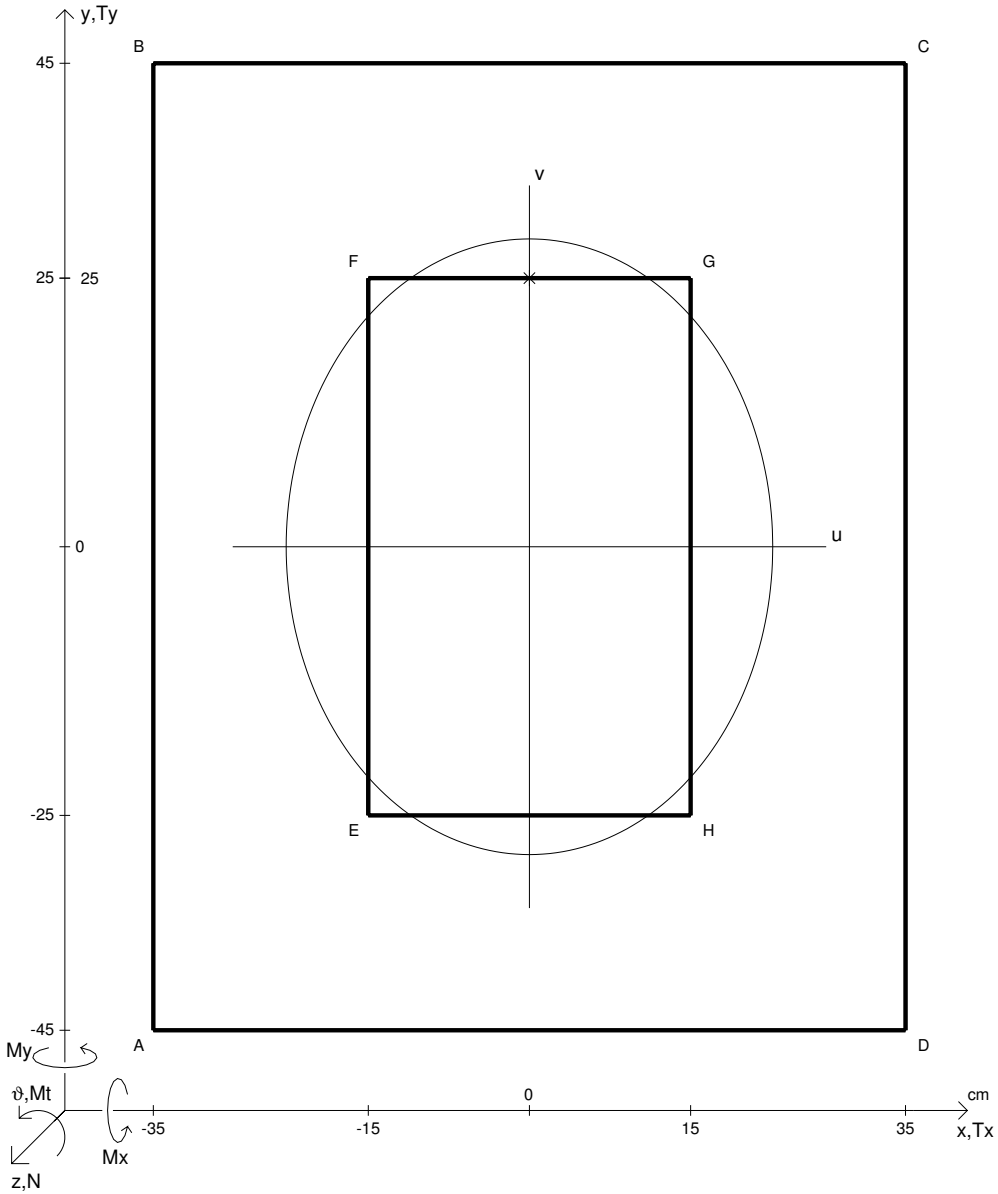
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.001



		N	= 4350000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3200000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 4800 cm^2	σ(Mx)	= 633.9 N/cm^2	σ_I	= 2028 N/cm^2	σ_{ID}	= 2181 N/cm^2
Ju	= 3940000 cm^4	τ(Ty)	= 994.9 N/cm^2	σ_{II}	= -488.1 N/cm^2	r_U	= 28.65 cm
Jv	= 2460000 cm^4	σ	= 1540 N/cm^2	σ_{MISES}	= 2311 N/cm^2	r_V	= 22.64 cm
σ(N)	= 906.3 N/cm^2	τ	= 994.9 N/cm^2	σ_{GUEST}	= 2516 N/cm^2	r_O	= 36.51 cm

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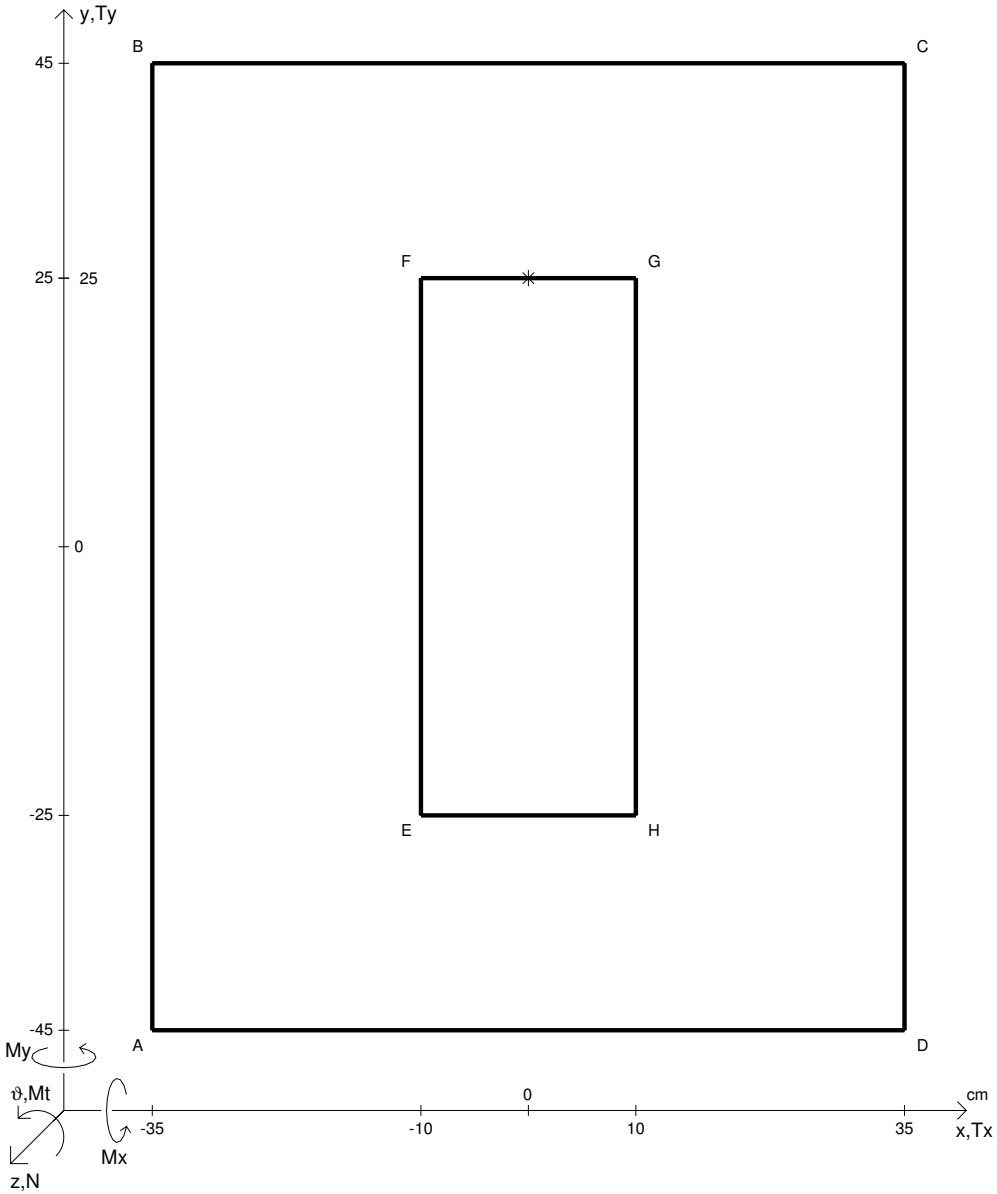

		N	= 5280000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3360000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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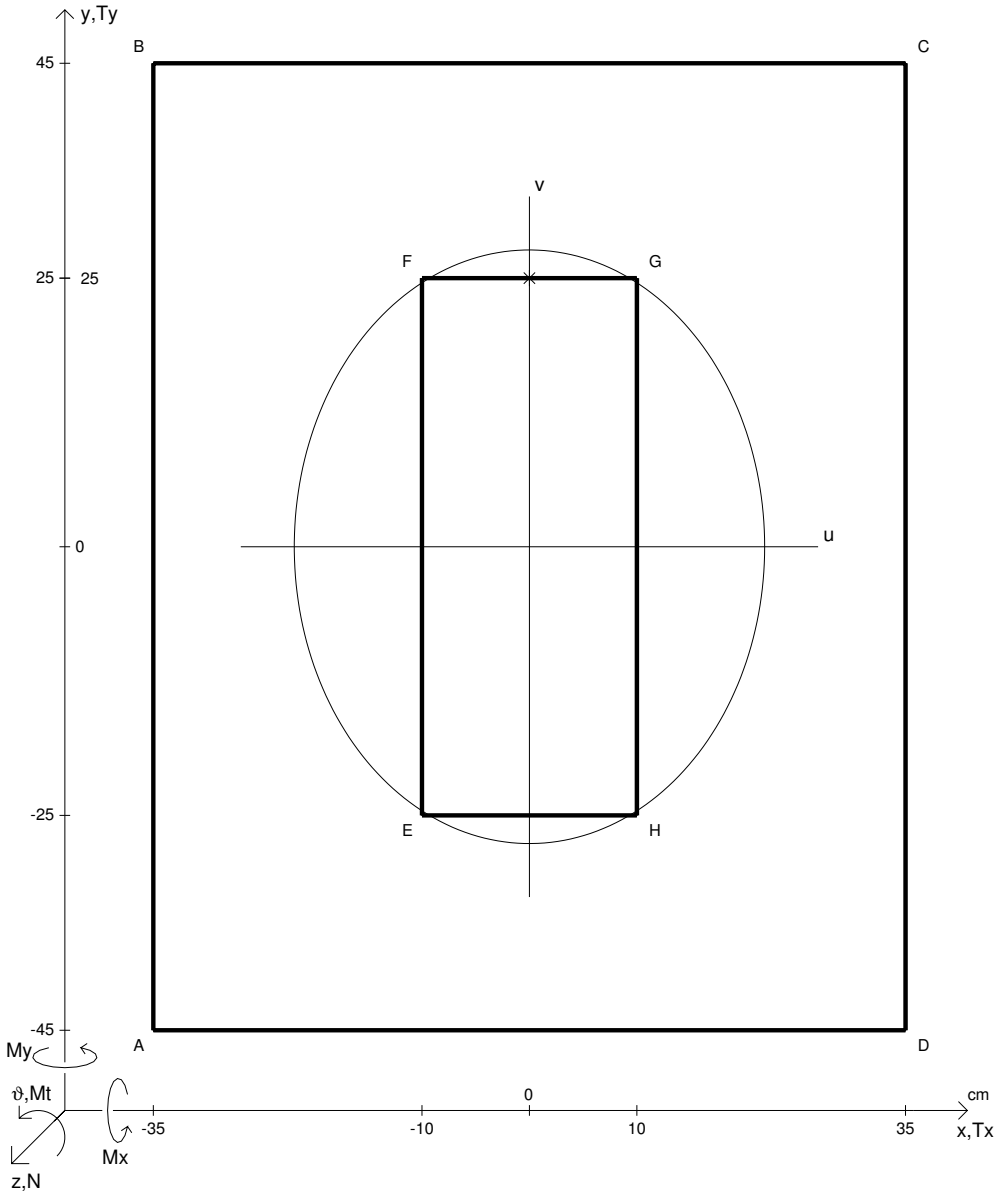
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.002



		N	= 5280000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3360000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 5300 cm^2	σ(Mx)	= 617.6 N/cm^2	σ_I	= 1953 N/cm^2	σ_{ID}	= 2059 N/cm^2
Ju	= 4044167 cm^4	τ(Ty)	= 814.2 N/cm^2	σ_{II}	= -339.4 N/cm^2	r_U	= 27.62 cm
Jv	= 2539166 cm^4	σ	= 1614 N/cm^2	σ_{MISES}	= 2143 N/cm^2	r_V	= 21.89 cm
σ(N)	= 996.2 N/cm^2	τ	= 814.2 N/cm^2	σ_{GUEST}	= 2293 N/cm^2	r_O	= 35.24 cm

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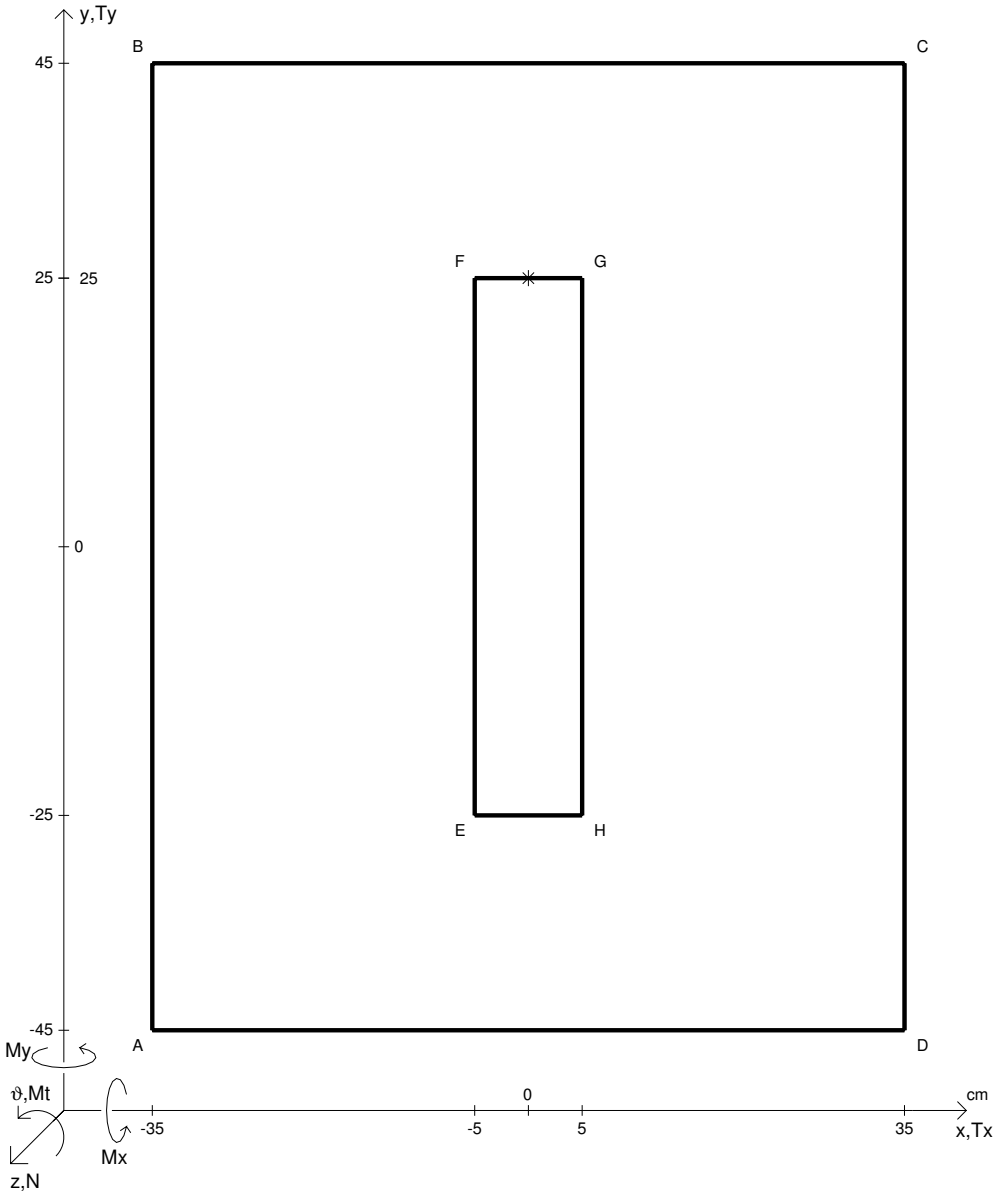

		N	= 4730000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 4600000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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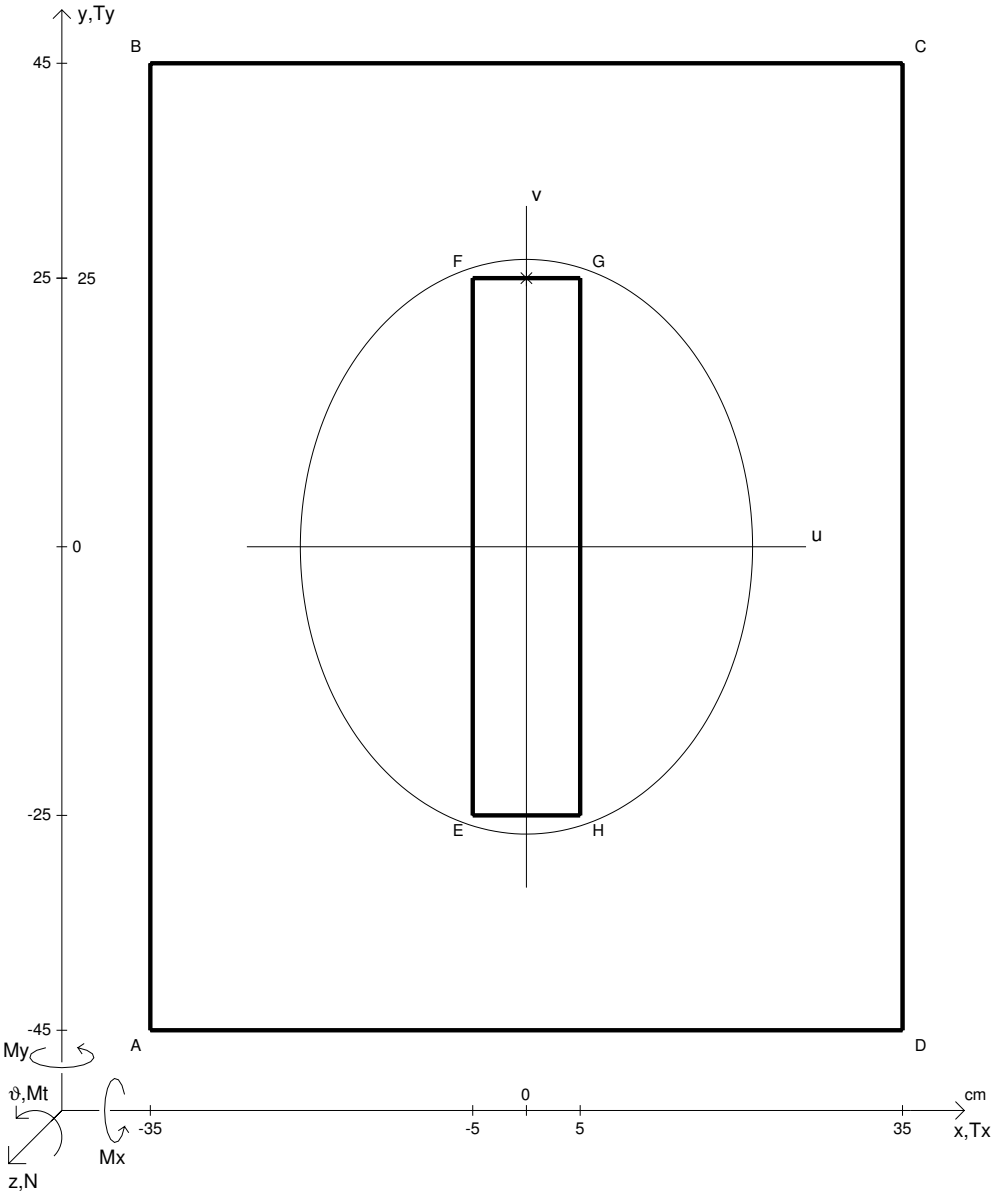
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.003



		N	= 4730000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 4600000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 5800 cm^2	σ(Mx)	= 602 N/cm^2	σ_I	= 1859 N/cm^2	σ_{ID}	= 1997 N/cm^2
Ju	= 4148333 cm^4	τ(Ty)	= 905.6 N/cm^2	σ_{II}	= -441.2 N/cm^2	r_U	= 26.74 cm
Jv	= 2568334 cm^4	σ	= 1418 N/cm^2	σ_{MISES}	= 2114 N/cm^2	r_V	= 21.04 cm
σ(N)	= 815.5 N/cm^2	τ	= 905.6 N/cm^2	σ_{GUEST}	= 2300 N/cm^2	r_O	= 34.03 cm

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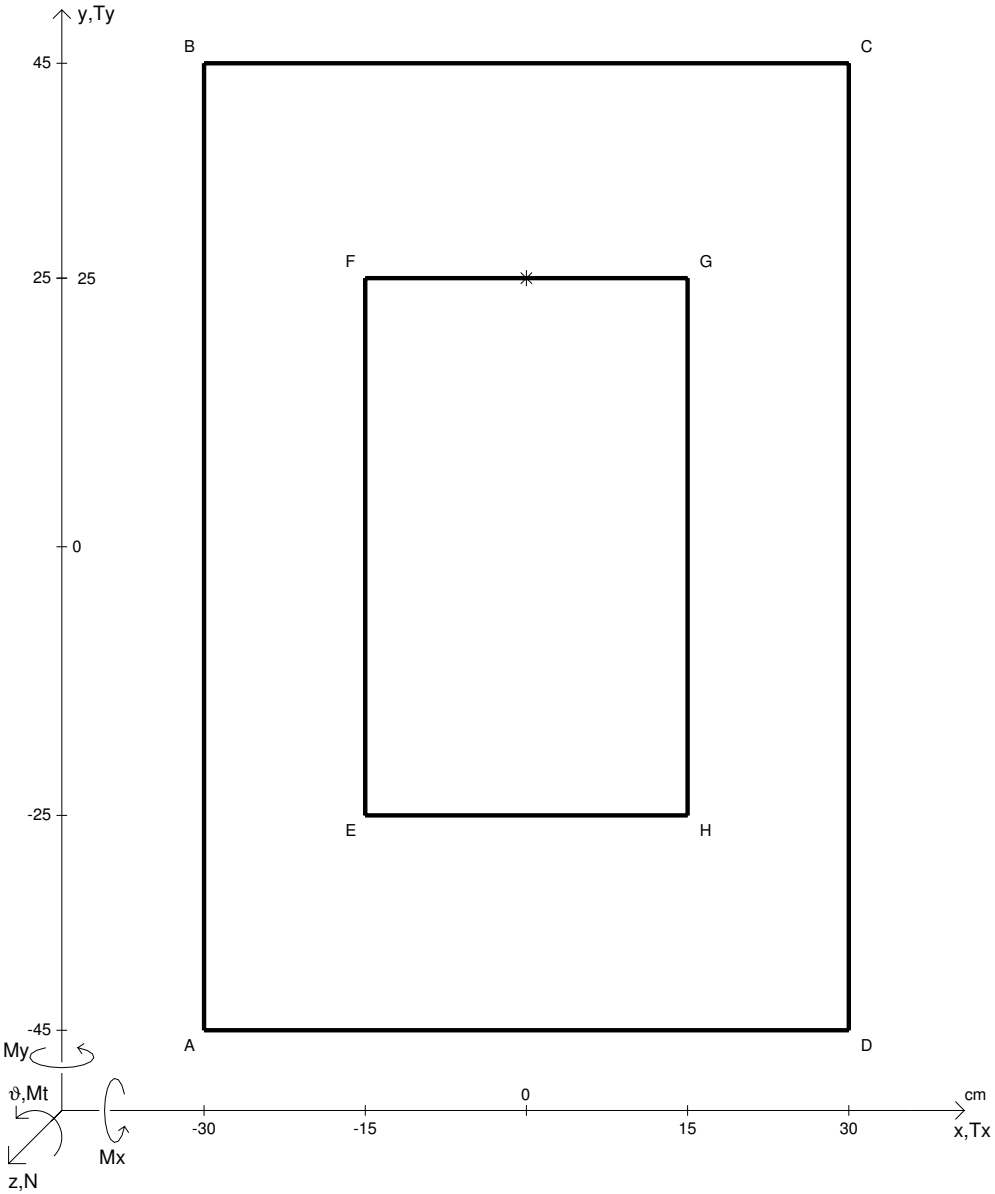

		N	= 3530000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 2370000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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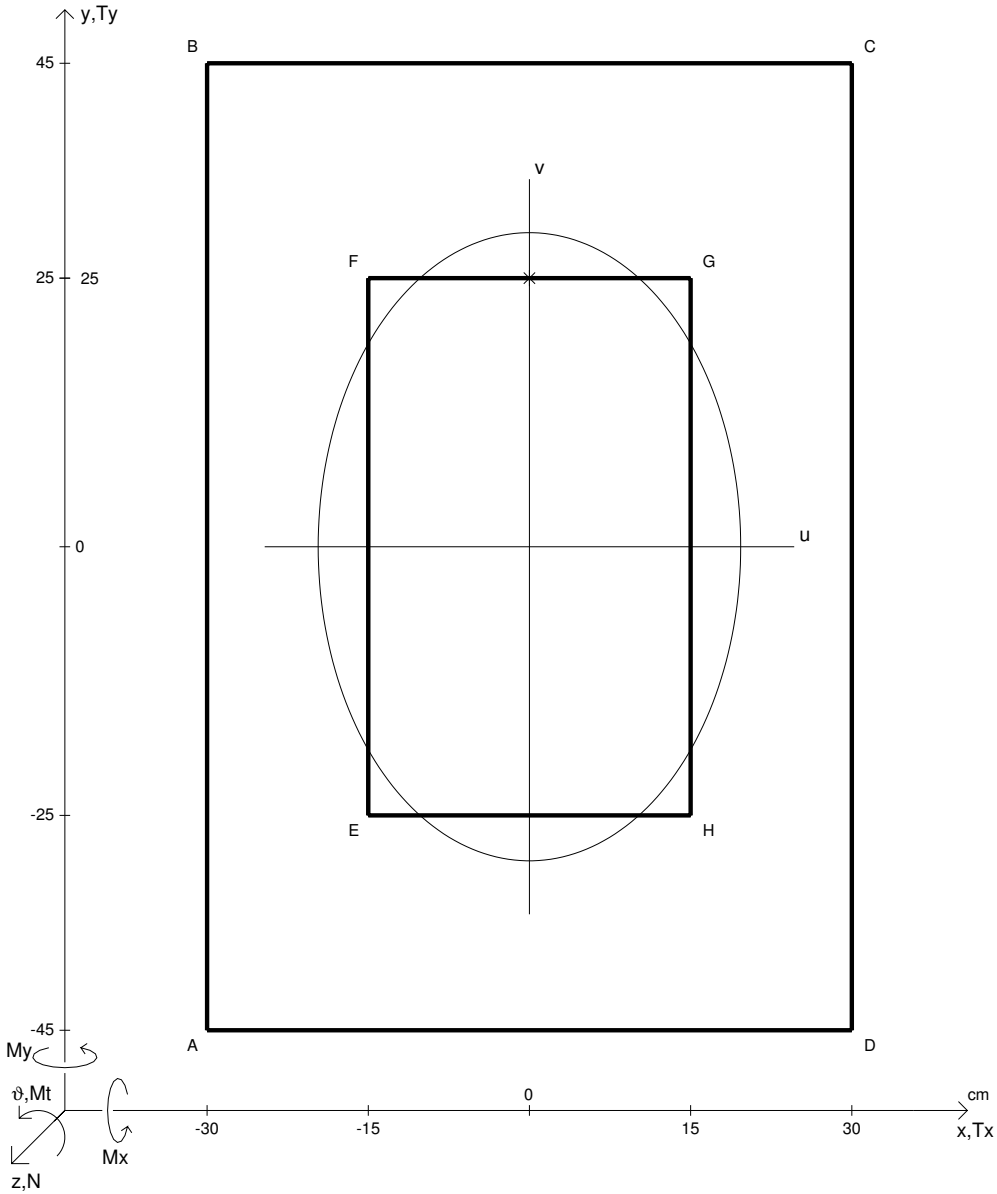
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.004



		N	= 3530000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 2370000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 3900 cm^2	σ(Mx)	= 749.4 N/cm^2	σ_I	= 2122 N/cm^2	σ_{ID}	= 2268 N/cm^2
Ju	= 3332500 cm^4	τ(Ty)	= 995.6 N/cm^2	σ_{II}	= -467.2 N/cm^2	r_U	= 29.23 cm
Jv	= 1507500 cm^4	σ	= 1655 N/cm^2	σ_{MISES}	= 2390 N/cm^2	r_V	= 19.66 cm
σ(N)	= 905.1 N/cm^2	τ	= 995.6 N/cm^2	σ_{GUEST}	= 2589 N/cm^2	r_O	= 35.23 cm

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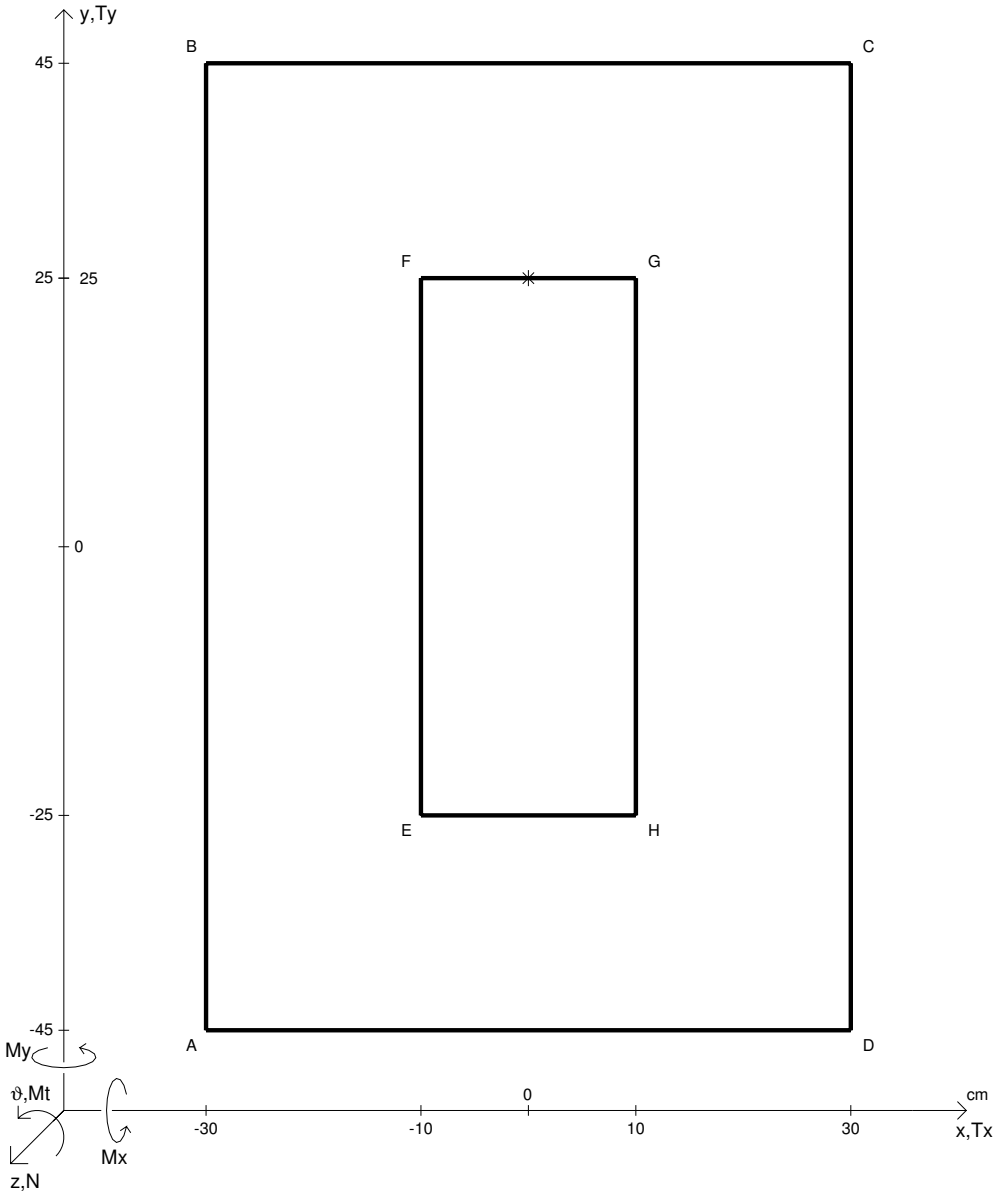

		N	= 4390000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 2670000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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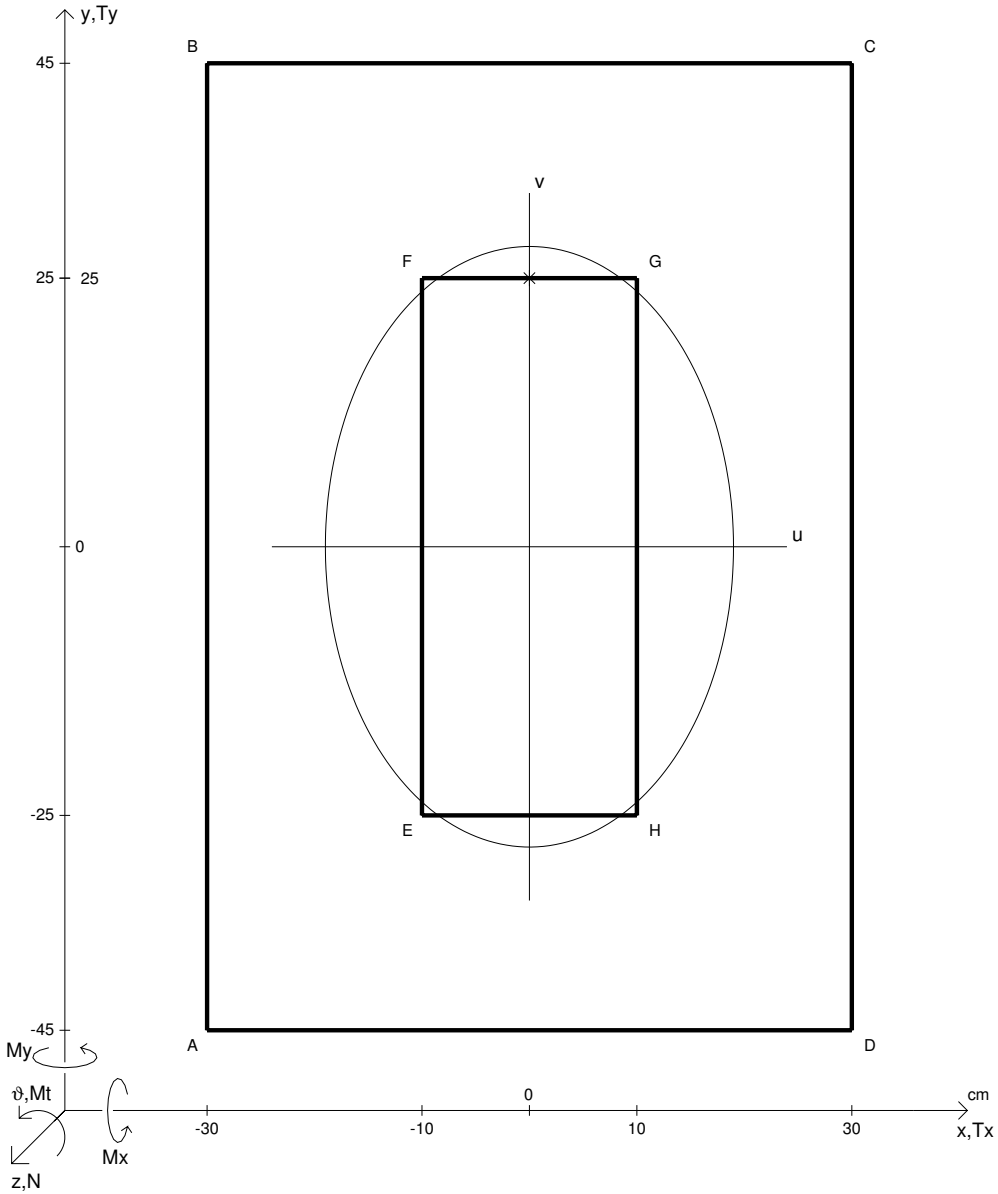
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.005



		N	= 4390000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 2670000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 4400 cm^2	σ(Mx)	= 726.7 N/cm^2	σ_I	= 2049 N/cm^2	σ_{ID}	= 2151 N/cm^2
Ju	= 3436666 cm^4	τ(Ty)	= 815.8 N/cm^2	σ_{II}	= -324.7 N/cm^2	r_U	= 27.95 cm
Jv	= 1586667 cm^4	σ	= 1724 N/cm^2	σ_{MISES}	= 2229 N/cm^2	r_V	= 18.99 cm
σ(N)	= 997.7 N/cm^2	τ	= 815.8 N/cm^2	σ_{GUEST}	= 2374 N/cm^2	r_O	= 33.79 cm

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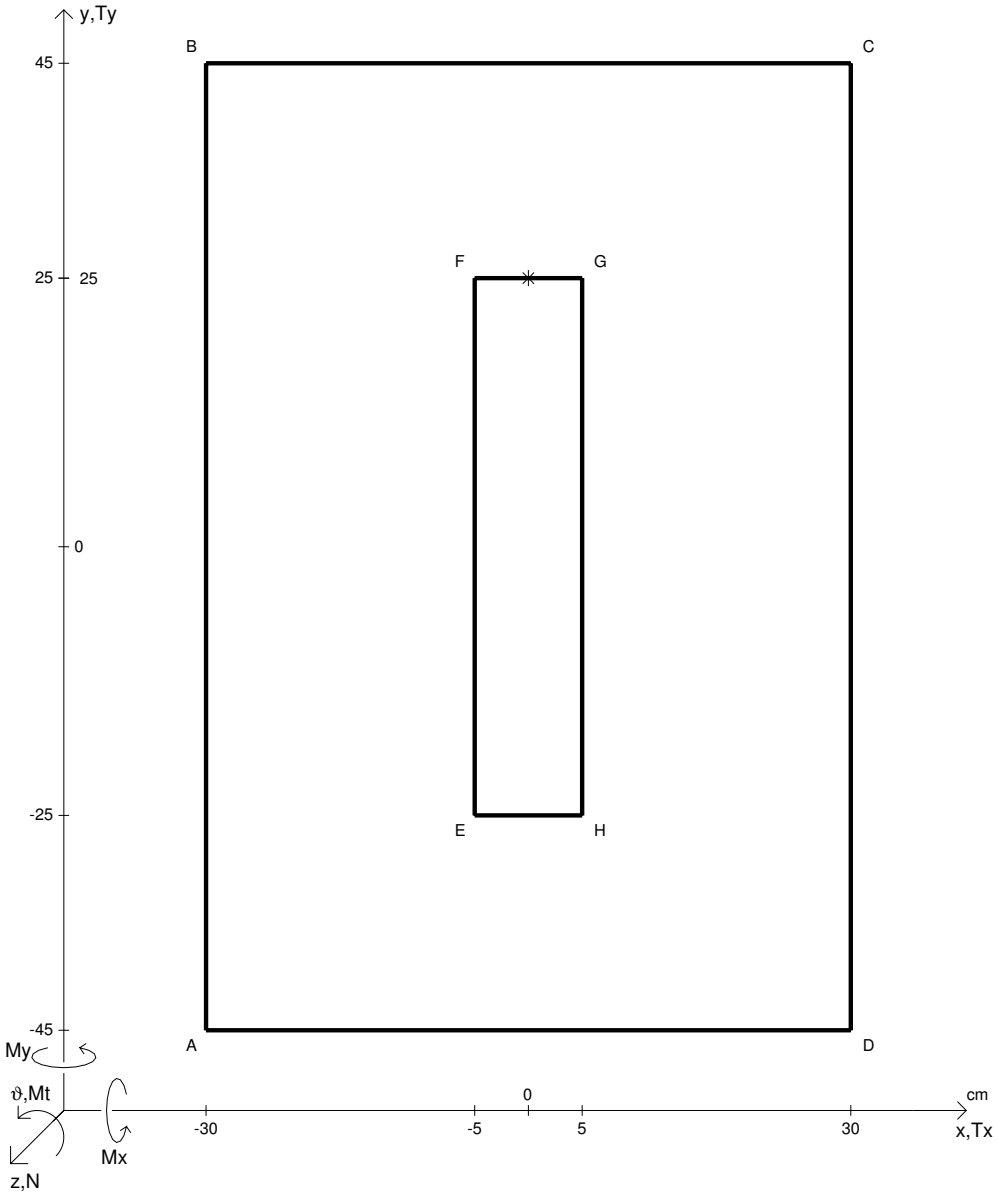

		N	= 4000000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3820000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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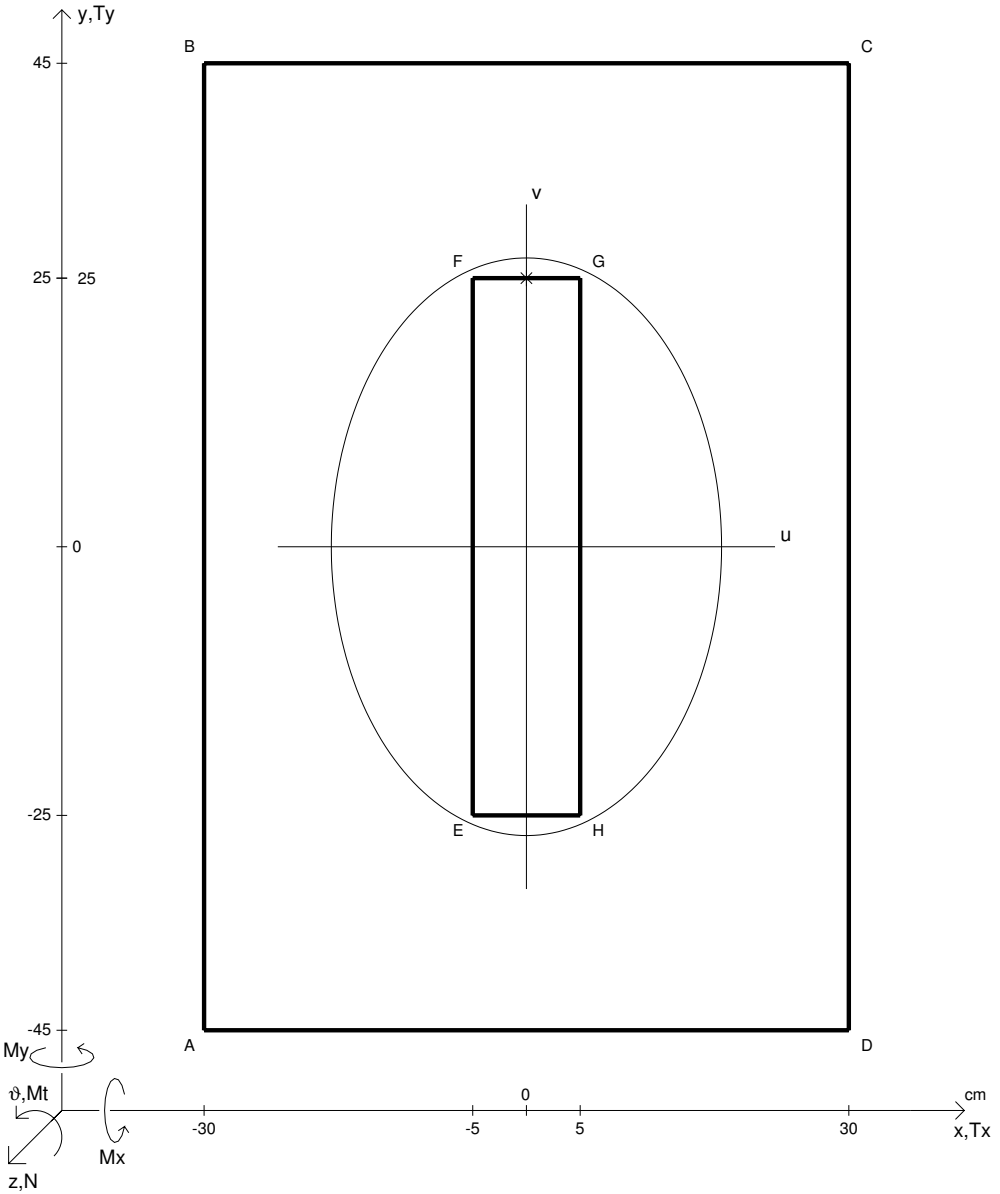
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.006



		N	= 4000000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3820000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 4900 cm^2	σ(Mx)	= 705.3 N/cm^2	σ_I	= 1944 N/cm^2	σ_{ID}	= 2076 N/cm^2
Ju	= 3540834 cm^4	τ(Ty)	= 906.2 N/cm^2	σ_{II}	= -422.4 N/cm^2	r_U	= 26.88 cm
Jv	= 1615833 cm^4	σ	= 1522 N/cm^2	σ_{MISES}	= 2186 N/cm^2	r_V	= 18.16 cm
σ(N)	= 816.3 N/cm^2	τ	= 906.2 N/cm^2	σ_{GUEST}	= 2367 N/cm^2	r_O	= 32.44 cm

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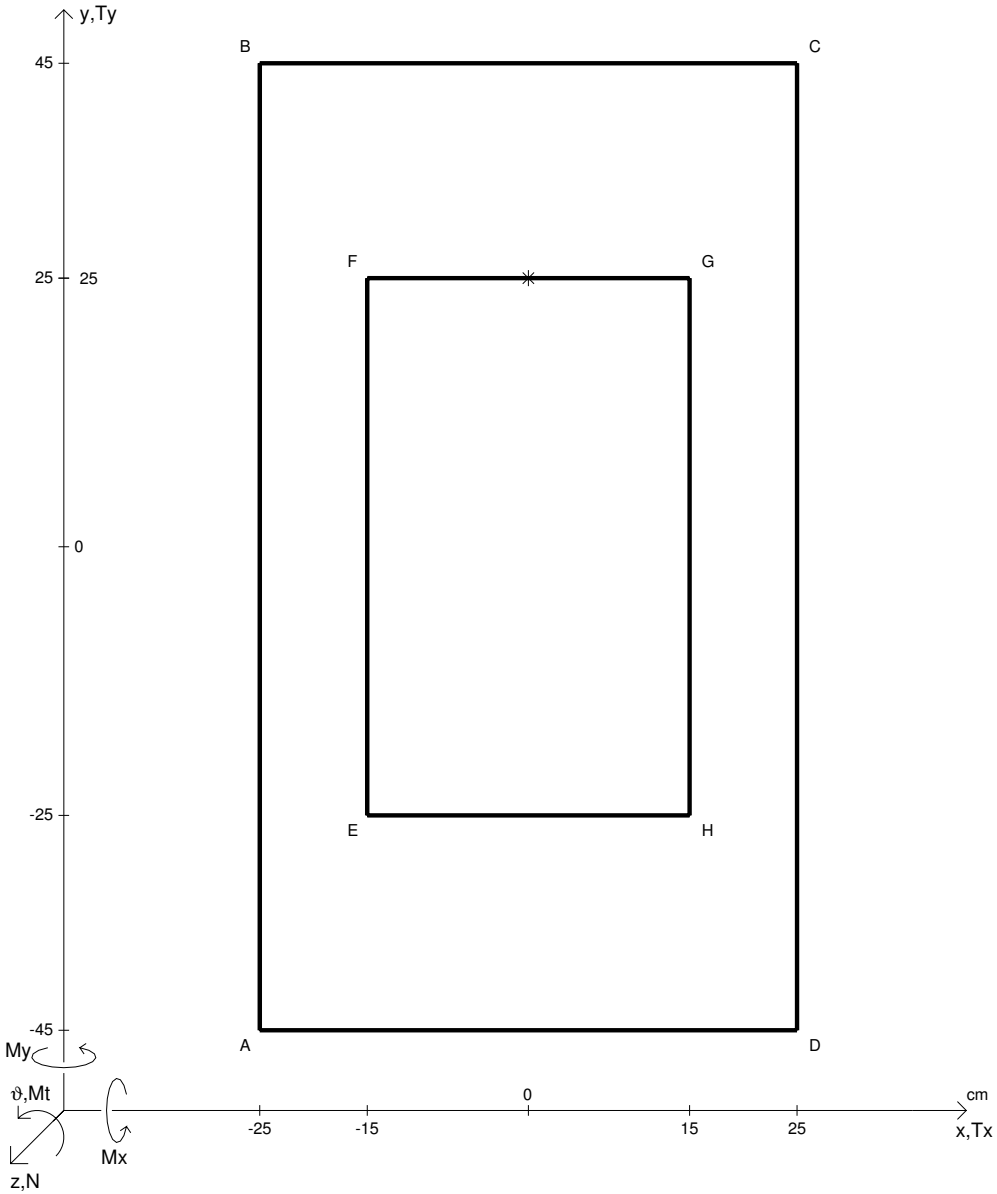

		N	= 2720000 N	Mx	= 88900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 1550000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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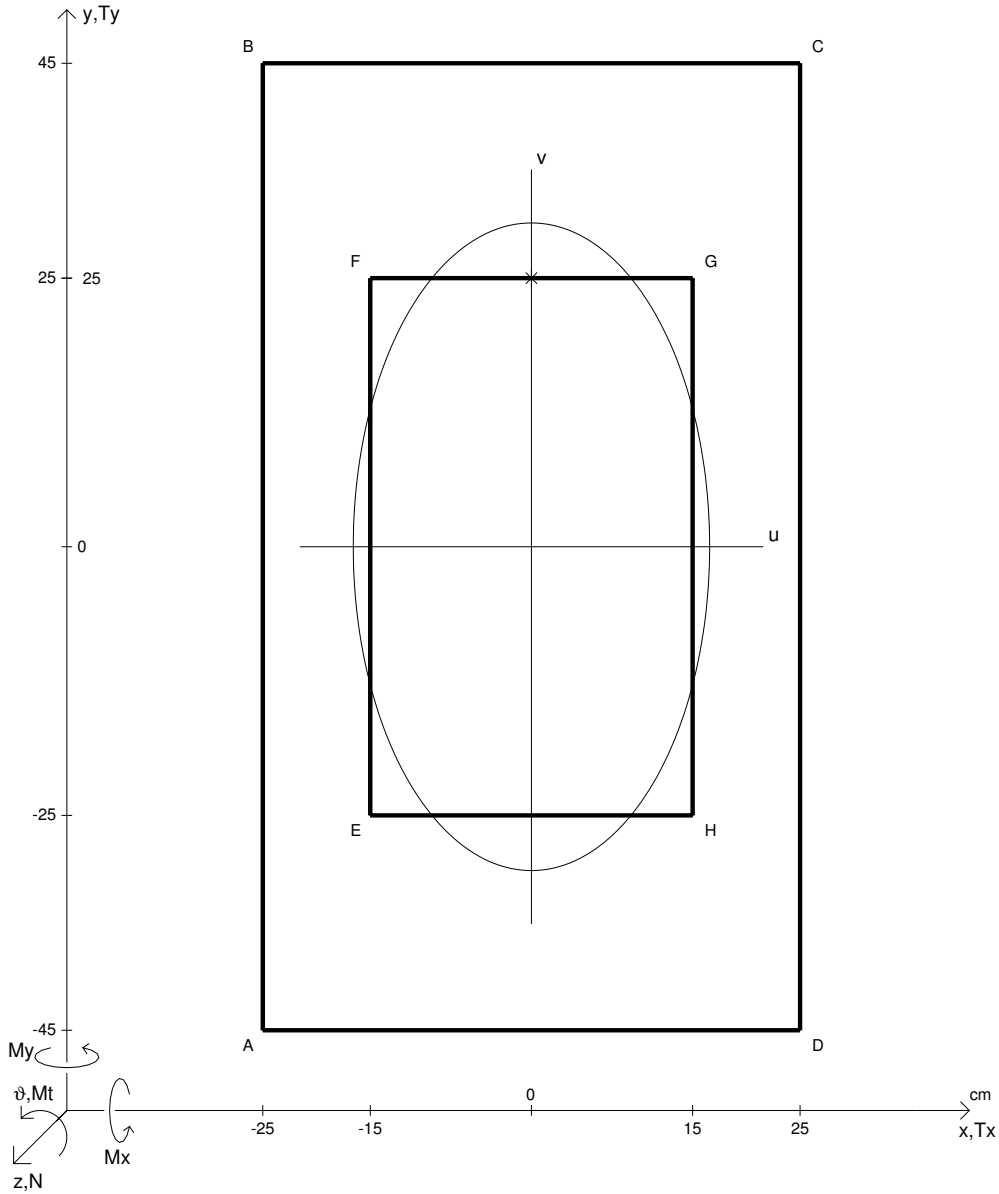
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.007



		N	= 2720000 N	Mx	= 88900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 1550000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 3000 cm^2	σ(Mx)	= 815.6 N/cm^2	σ_I	= 2177 N/cm^2	σ_{ID}	= 2320 N/cm^2
Ju	= 2725000 cm^4	τ(Ty)	= 995.4 N/cm^2	σ_{II}	= -455.1 N/cm^2	r_U	= 30.14 cm
Jv	= 825000 cm^4	σ	= 1722 N/cm^2	σ_{MISES}	= 2437 N/cm^2	r_V	= 16.58 cm
σ(N)	= 906.7 N/cm^2	τ	= 995.4 N/cm^2	σ_{GUEST}	= 2632 N/cm^2	r_O	= 34.4 cm

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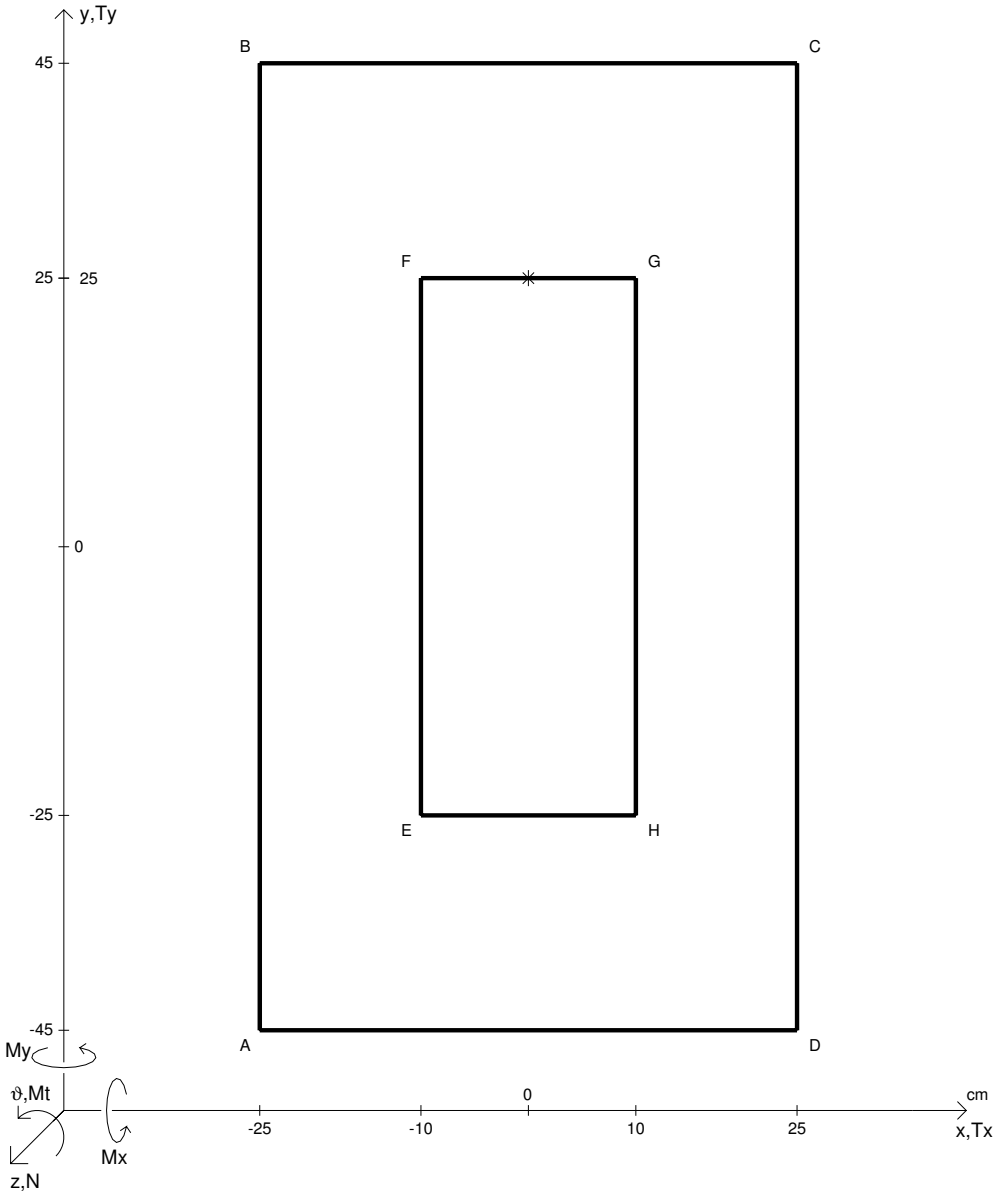

		N	= 3490000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 1970000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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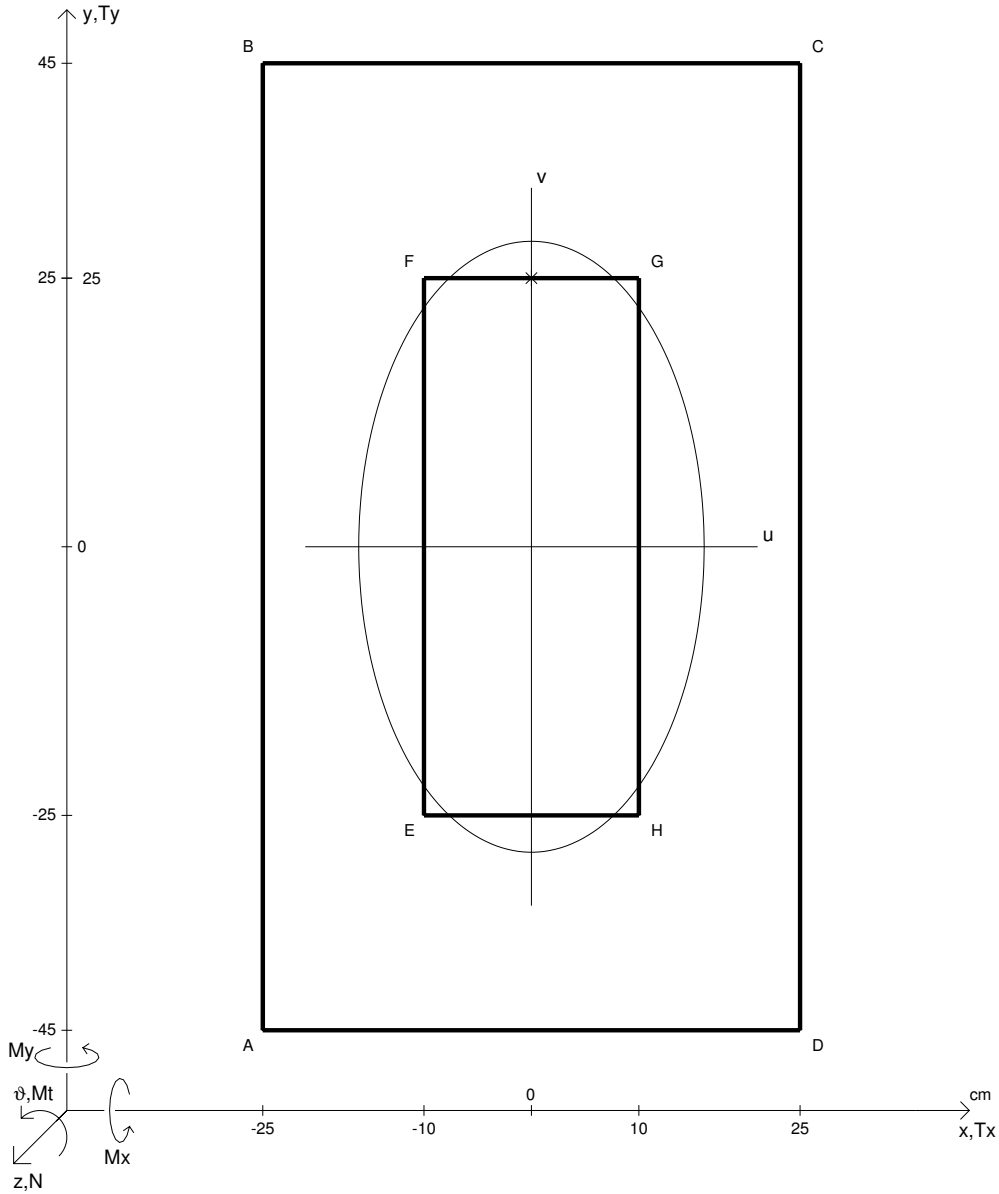
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.008



		N	= 3490000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 1970000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 3500 cm^2	σ(Mx)	= 882.8 N/cm^2	σ_I	= 2182 N/cm^2	σ_{ID}	= 2277 N/cm^2
Ju	= 2829166 cm^4	τ(Ty)	= 812.4 N/cm^2	σ_{II}	= -302.4 N/cm^2	r_U	= 28.43 cm
Jv	= 904167 cm^4	σ	= 1880 N/cm^2	σ_{MISES}	= 2348 N/cm^2	r_V	= 16.07 cm
σ(N)	= 997.1 N/cm^2	τ	= 812.4 N/cm^2	σ_{GUEST}	= 2485 N/cm^2	r_O	= 32.66 cm

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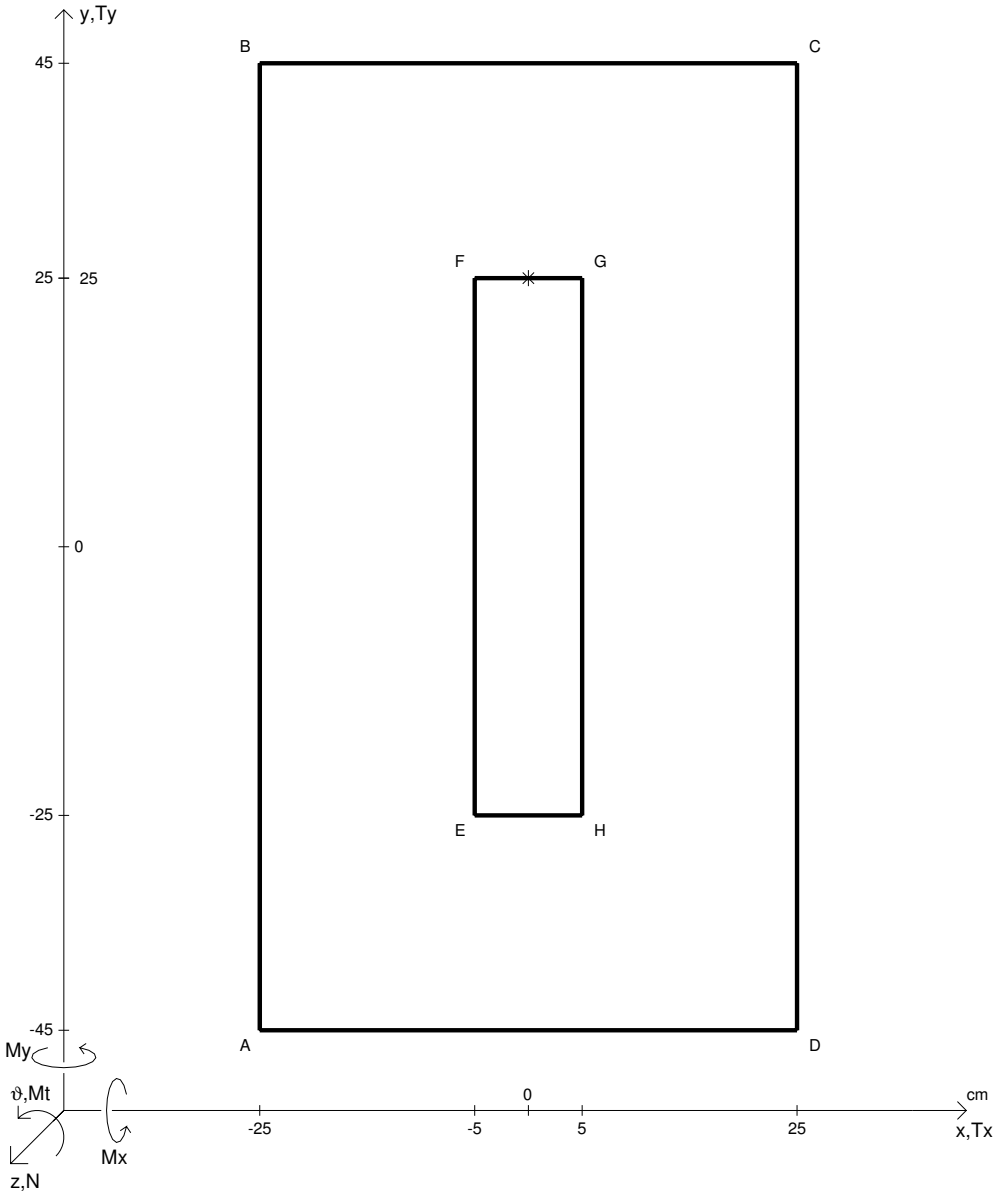

		N	= 3260000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3040000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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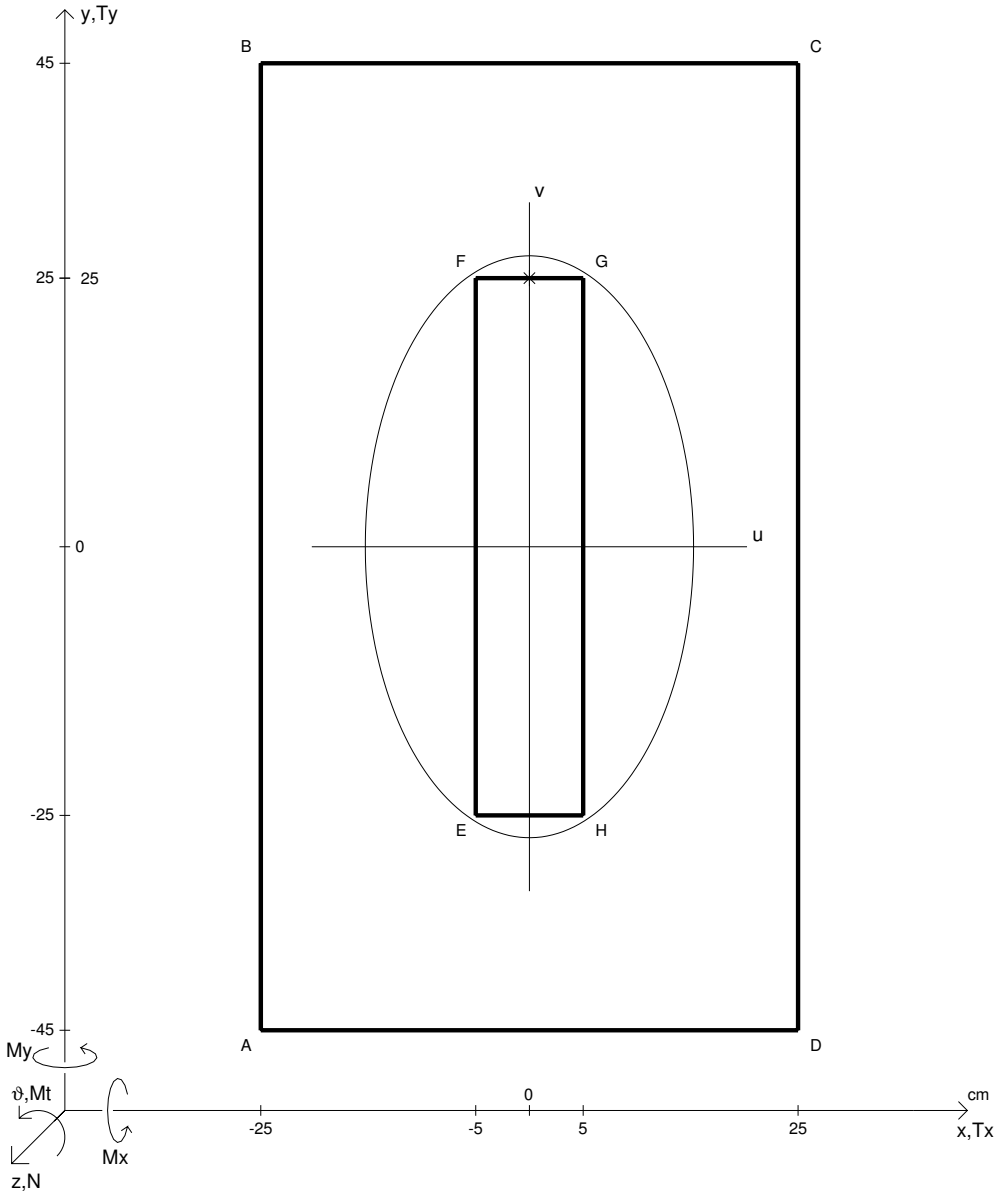
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.009



		N	= 3260000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 3040000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 4000 cm^2	σ(Mx)	= 851.4 N/cm^2	σ_I	= 2065 N/cm^2	σ_{ID}	= 2189 N/cm^2
Ju	= 2933334 cm^4	τ(Ty)	= 906.8 N/cm^2	σ_{II}	= -398.3 N/cm^2	r_U	= 27.08 cm
Jv	= 933334 cm^4	σ	= 1666 N/cm^2	σ_{MISES}	= 2290 N/cm^2	r_V	= 15.28 cm
σ(N)	= 815 N/cm^2	τ	= 906.8 N/cm^2	σ_{GUEST}	= 2463 N/cm^2	r_O	= 31.09 cm

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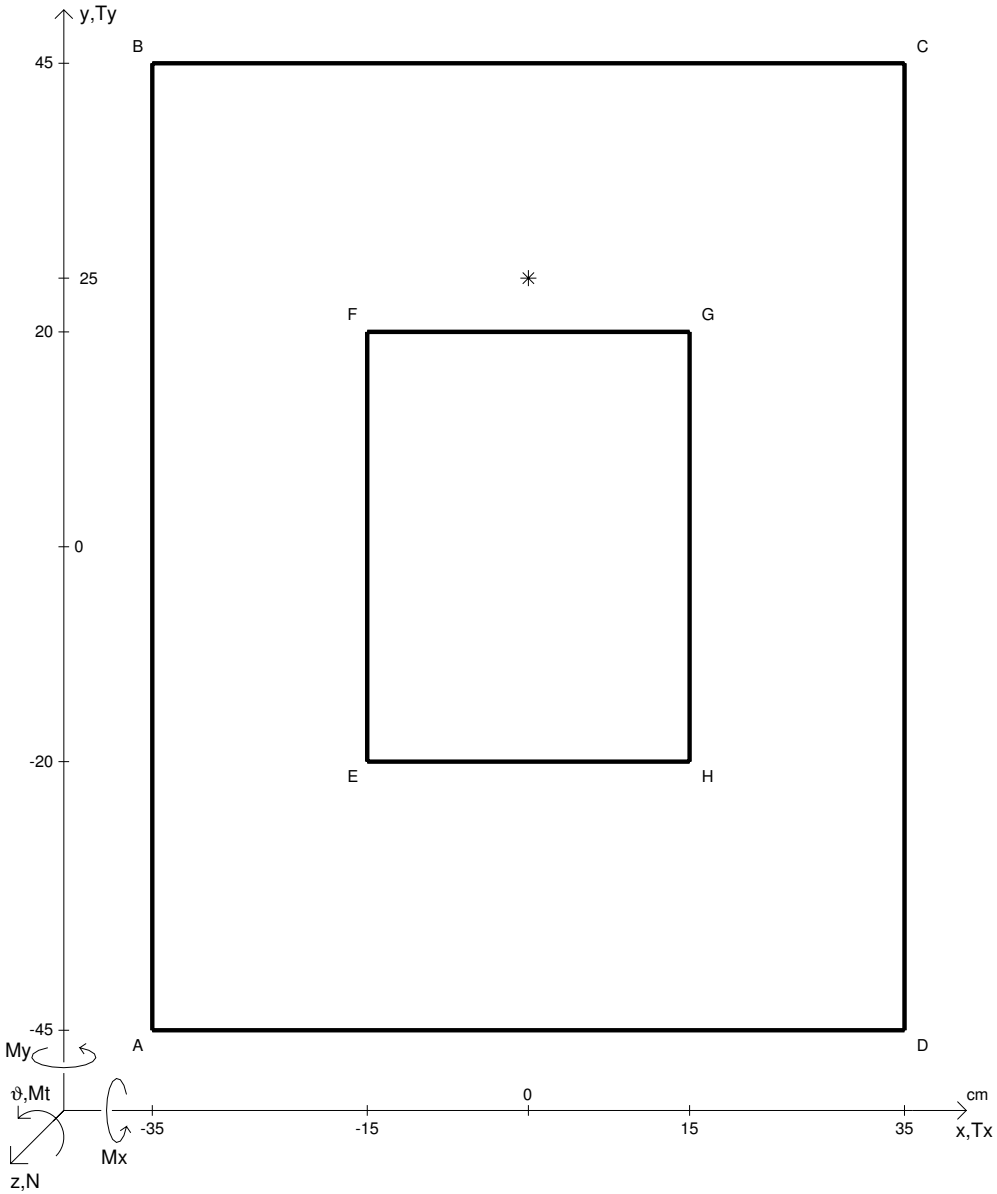

		N	= 4620000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 5830000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	=	σ(Mx)	=	σ_I	=	σ_{ID}	=
Ju	=	τ(Ty)	=	σ_{II}	=	r_U	=
Jv	=	σ	=	σ_{MISES}	=	r_V	=
σ(N)	=	τ	=	σ_{GUEST}	=	r_O	=

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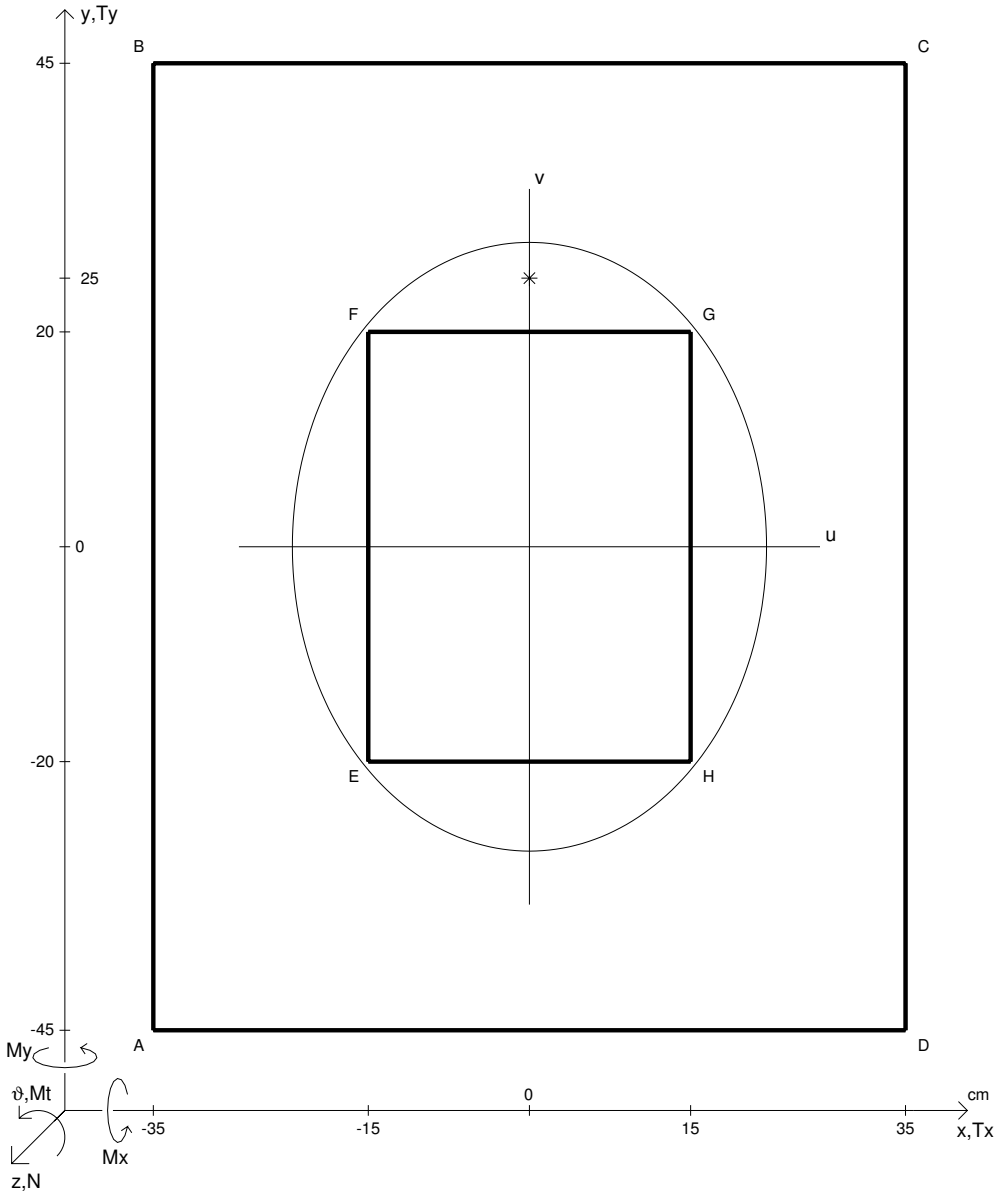
Esercizi di Scienza delle Costruzioni - SEZIONE 02 ES. No.010



		N	= 4620000 N	Mx	= 99900000 Ncm	E	= 21000000 N/cm^2
		Ty	= 5830000 N	σa	= 2400 N/cm^2	G	= 8000000 N/cm^2
A_N	= 5100 cm^2	σ(Mx)	= 610.3 N/cm^2	σ_I	= 2011 N/cm^2	σ_{ID}	= 2165 N/cm^2
Ju	= 4092500 cm^4	τ(Ty)	= 997.2 N/cm^2	σ_{II}	= -494.5 N/cm^2	r_U	= 28.33 cm
Jv	= 2482500 cm^4	σ	= 1516 N/cm^2	σ_{MISES}	= 2298 N/cm^2	r_V	= 22.06 cm
σ(N)	= 905.9 N/cm^2	τ	= 997.2 N/cm^2	σ_{GUEST}	= 2505 N/cm^2	r_O	= 35.91 cm

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