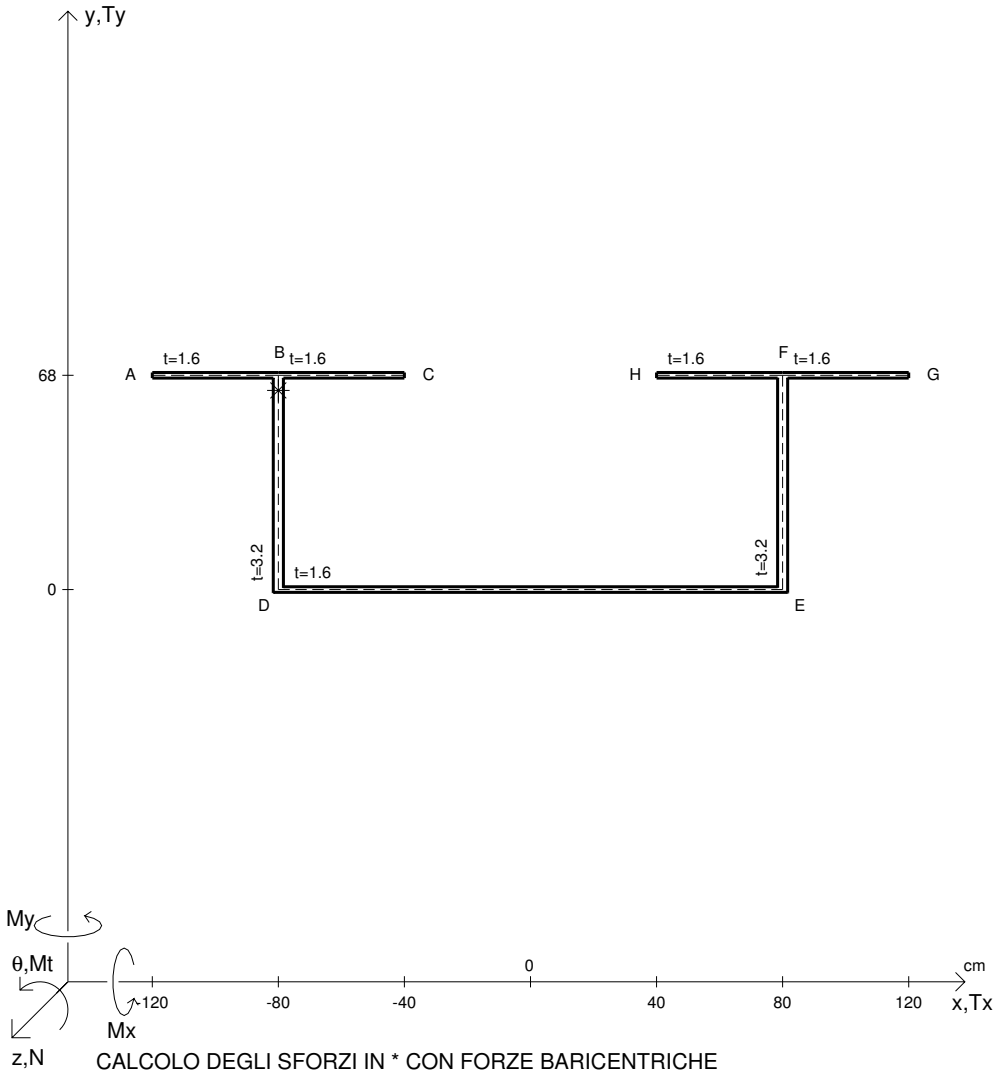
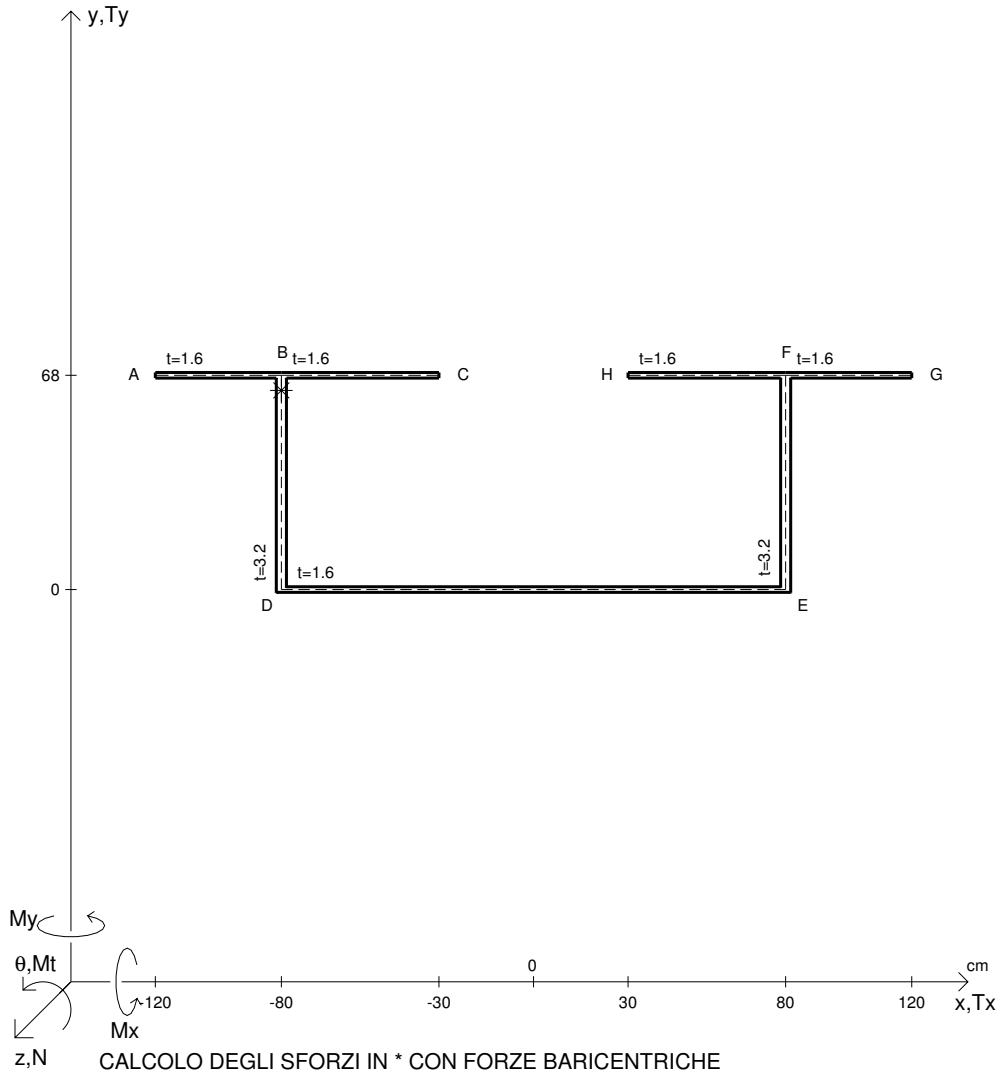


CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6030000 N	Mt	= 4630000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 1960000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

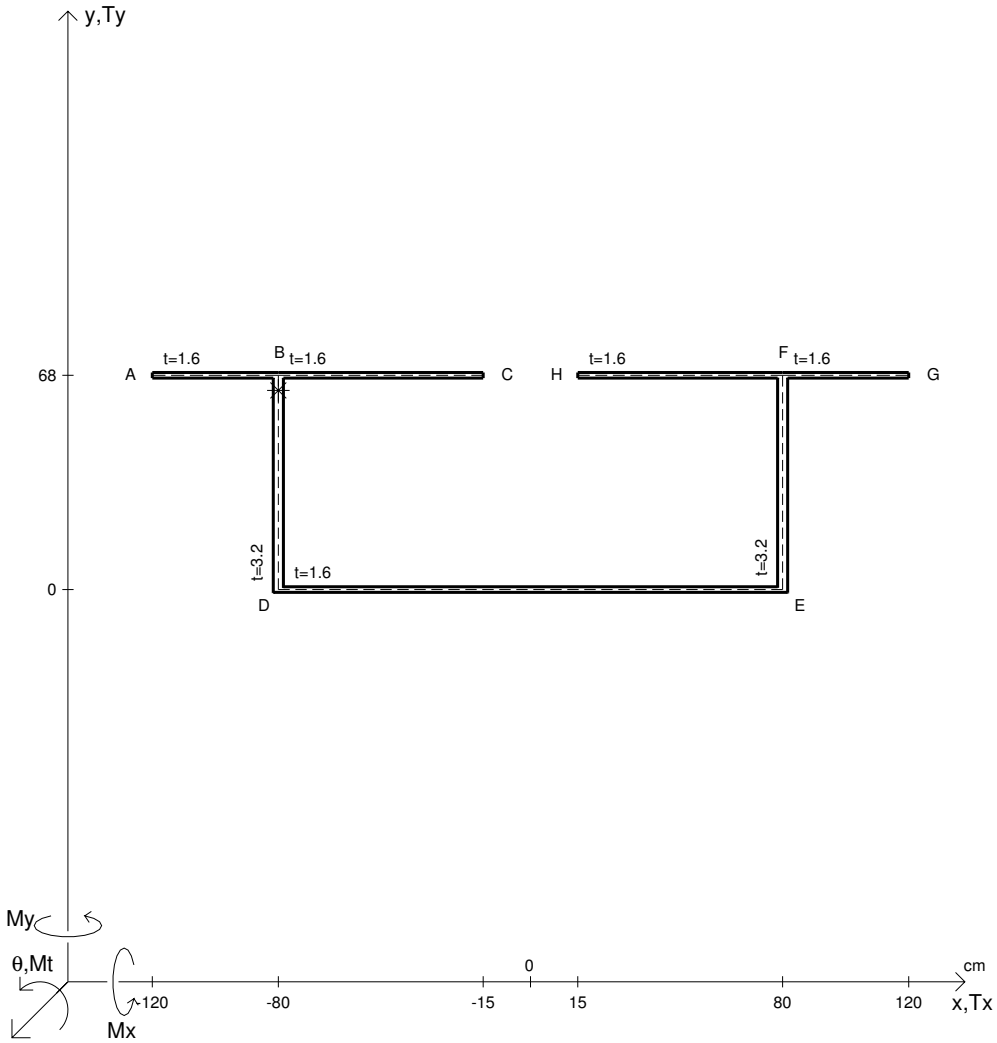
@ Adolfo Zavelani Rossi, Politecnico di Milano



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6900000 N	Mt	= 3470000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 2180000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

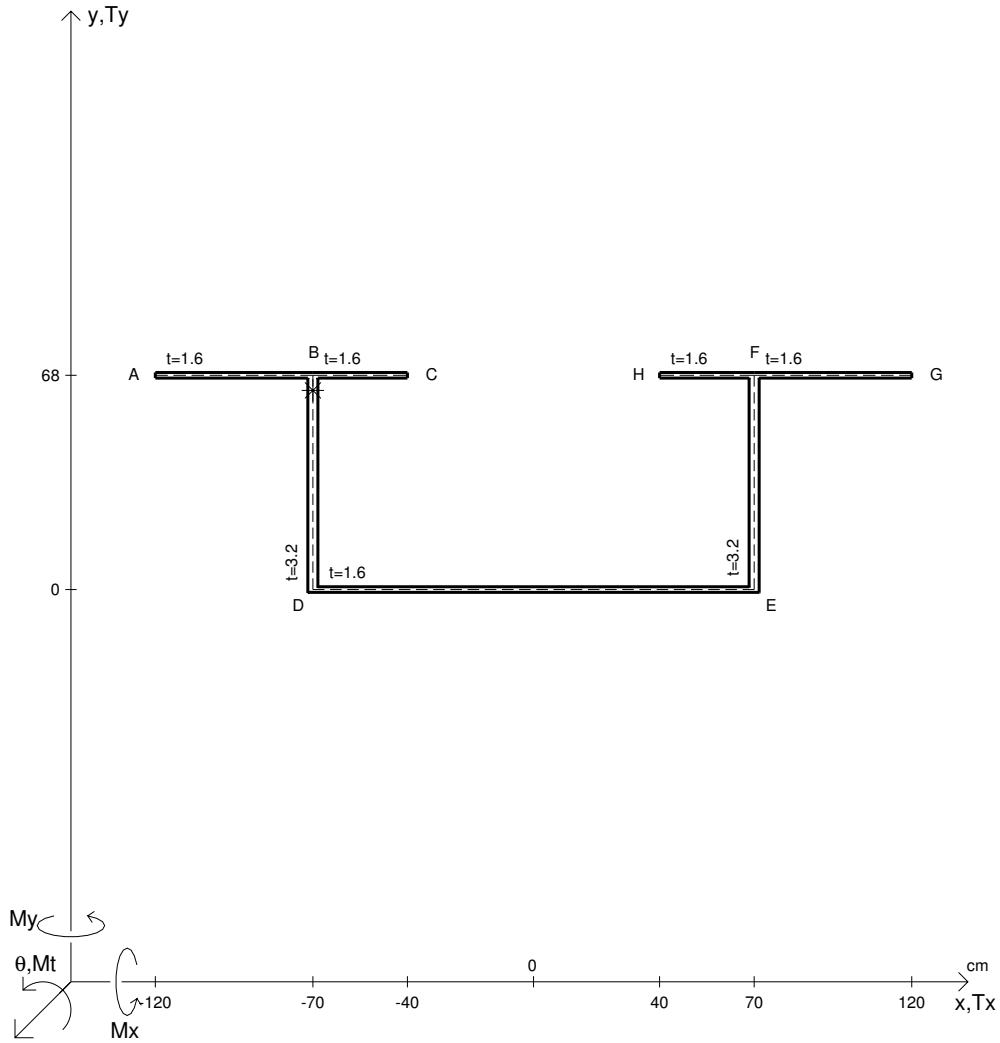
@ Adolfo Zavelani Rossi, Politecnico di Milano



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 7920000 N	Mt	= 3960000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 1640000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

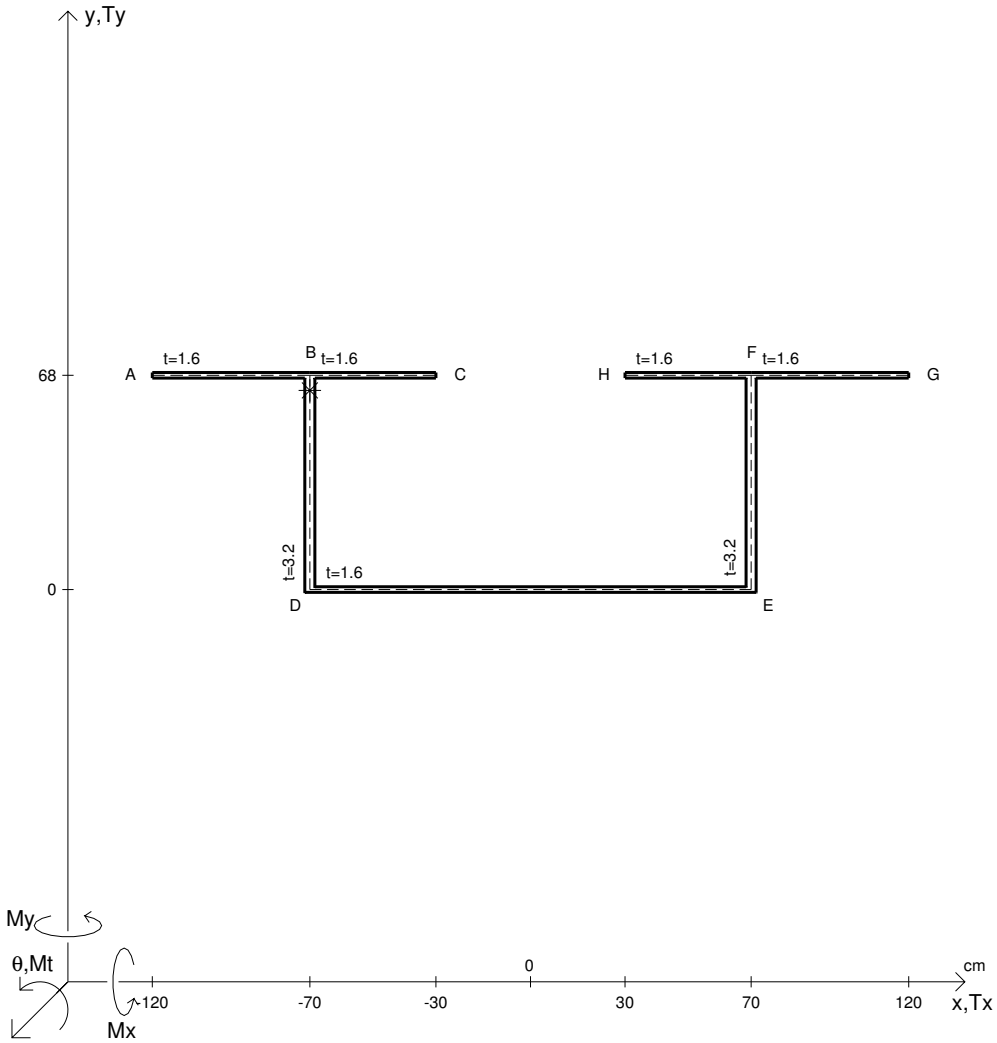
@ Adolfo Zavelani Rossi, Politecnico di Milano



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 5210000 N	Mt	= 4160000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 1860000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

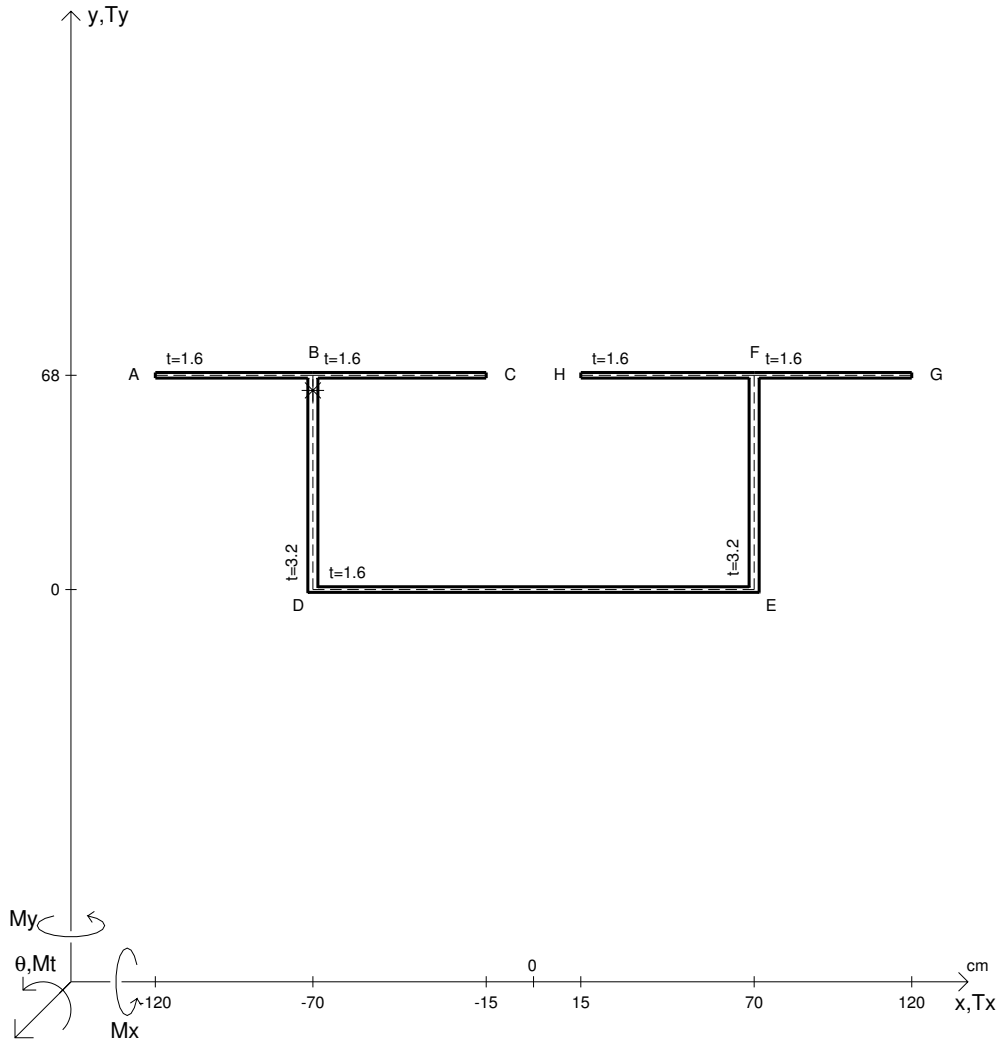
@ Adolfo Zavelani Rossi, Politecnico di Milano



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6010000 N	Mt	= 4610000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 2080000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

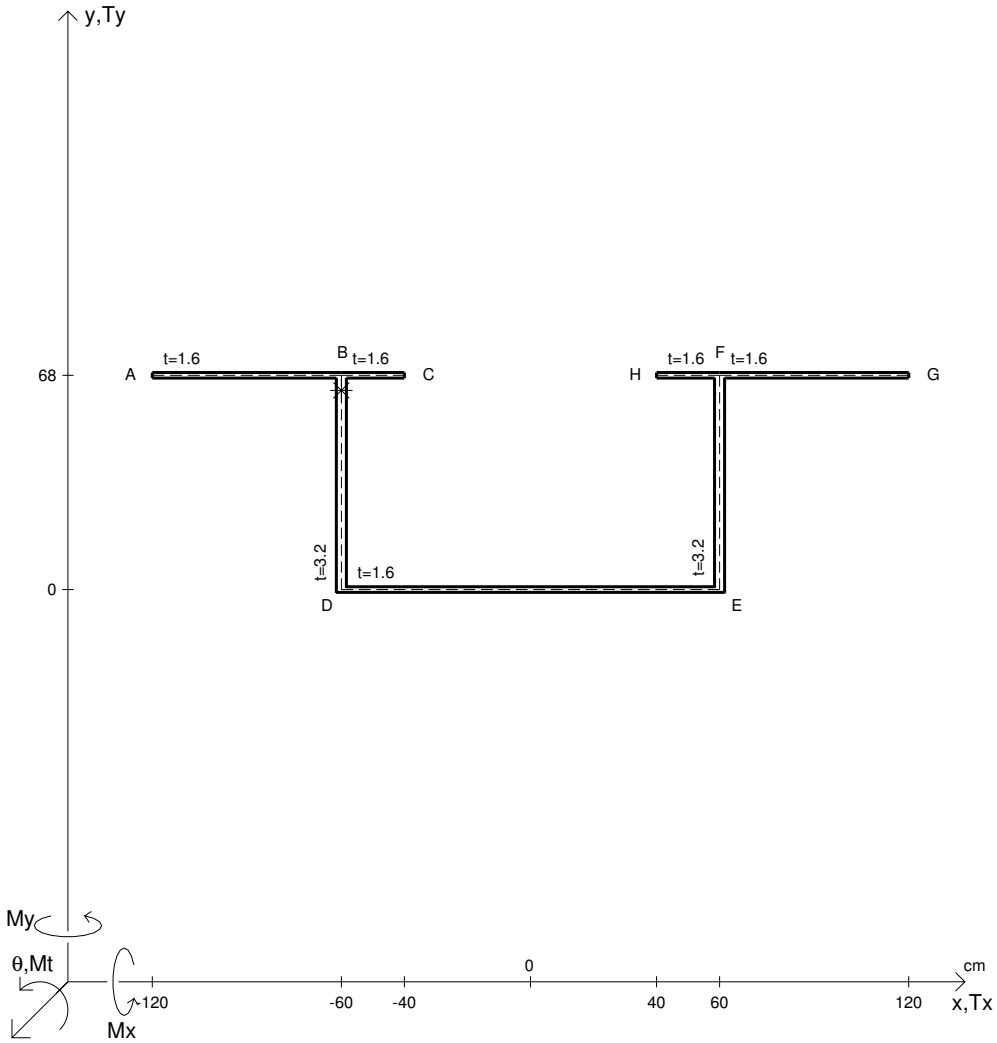
@ Adolfo Zavelani Rossi, Politecnico di Milano



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

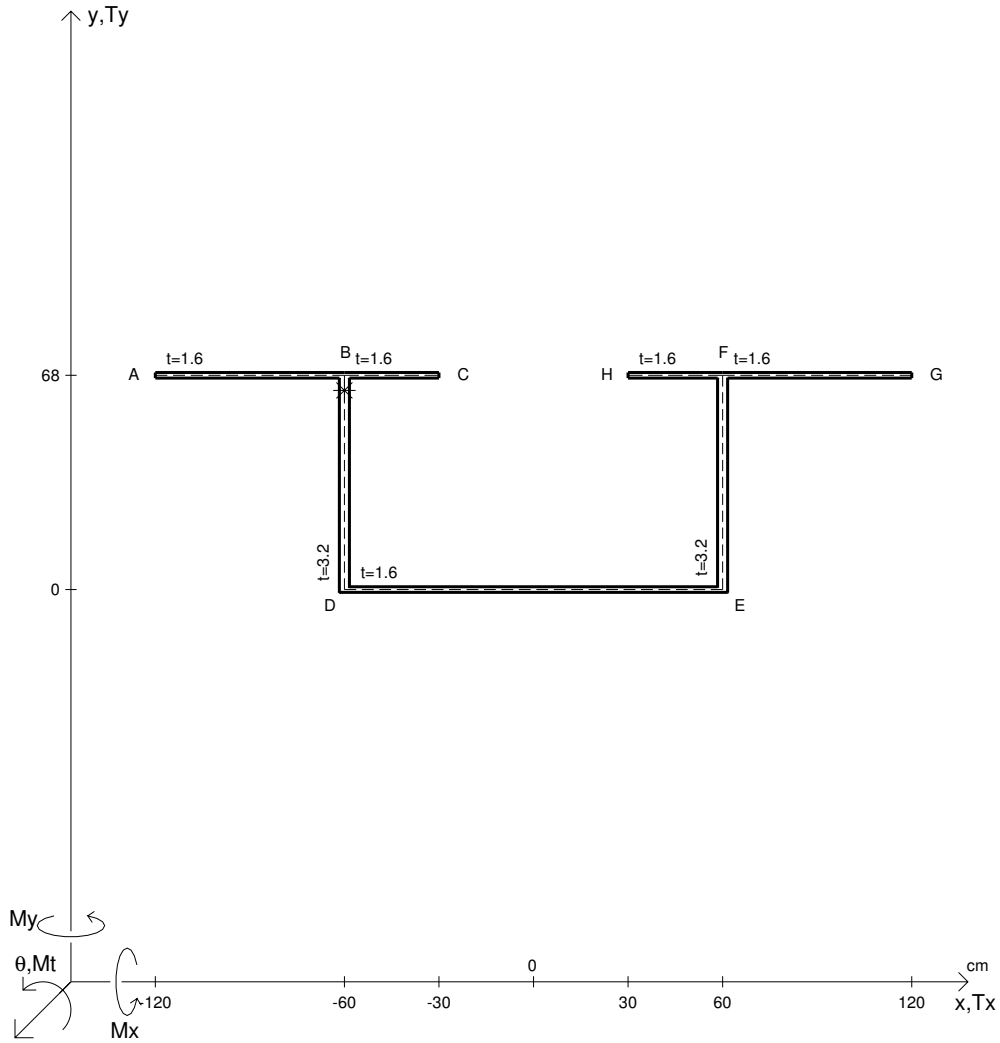
N	= 6960000 N	Mt	= 3470000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 2310000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		

@ Adolfo Zavelani Rossi, Politecnico di Milano



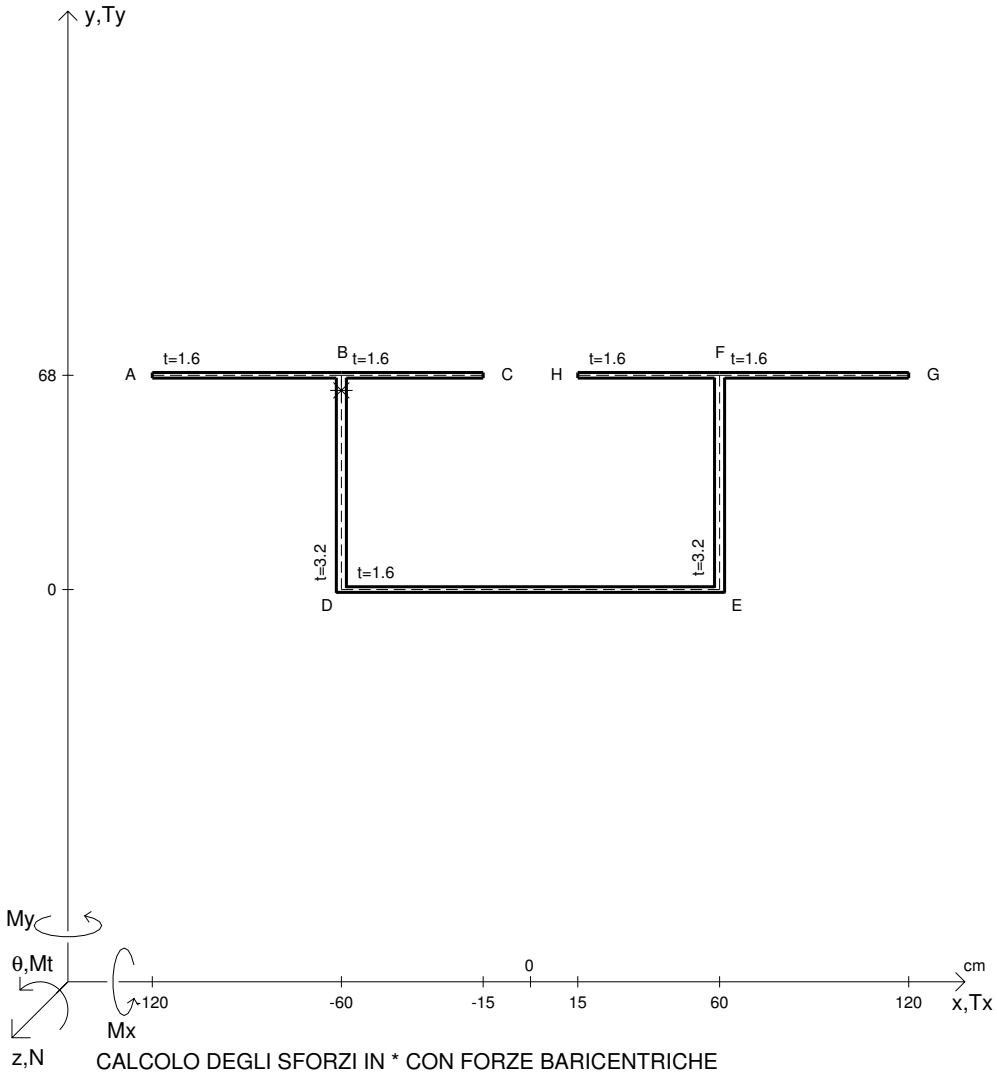
CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6750000 N	Mt	= 3680000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 1750000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		



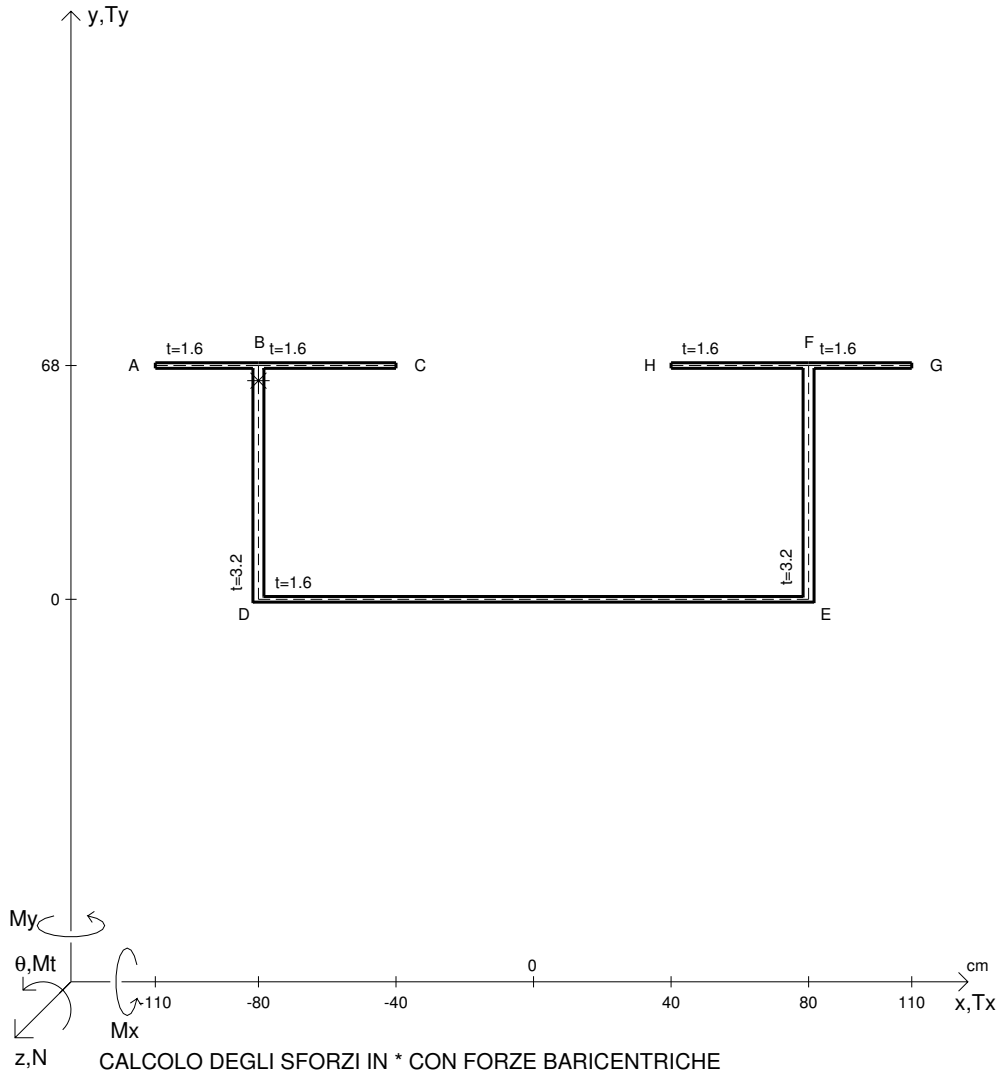
CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 5150000 N	Mt	= 4110000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 1980000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6020000 N	Mt	= 4580000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 2220000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		



CALCOLO DEGLI SFORZI IN * CON FORZE BARICENTRICHE

N	= 6530000 N	Mt	= 3420000 Ncm	σa	= 22000 N/cm^2	G	= 7500000 N/cm^2
Ty	= 2140000 N	Mx	= 99900000 Ncm	E	= 20000000 N/cm^2		
y_G	=	σ(N)	=	τ+	=	σ_{ID}	=
u_O	=	τ(Mt)	=	τ-	=	θt	=
v_O	=	σ(Mx)	=	σ_I+	=	r_U	=
A_N	=	τ(Tyc)	=	σ_{II}+	=	r_V	=
Cw	=	τ(Tyb)	=	σ_I-	=	r_O	=
Ju	=	τ(Ty)+	=	σ_{II}-	=	J_P	=
Jv	=	τ(Ty)-	=	σ_{MISES}	=		
Jt	=	σ	=	σ_{GUEST}	=		