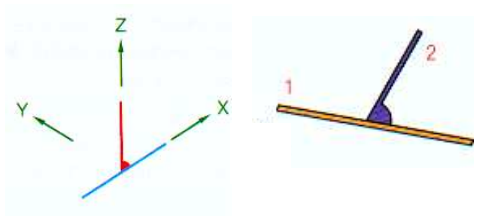
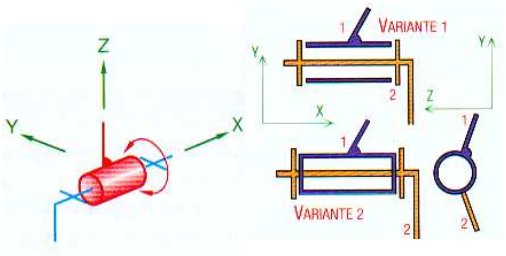
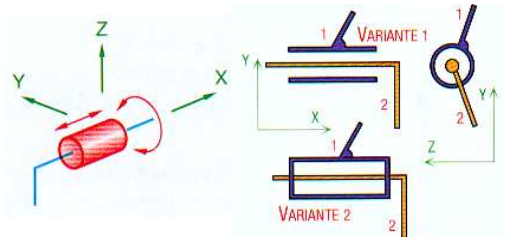
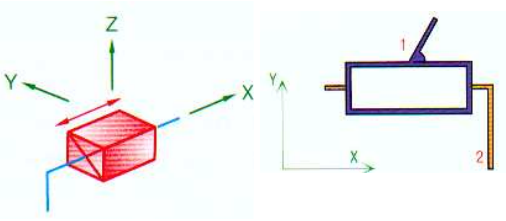
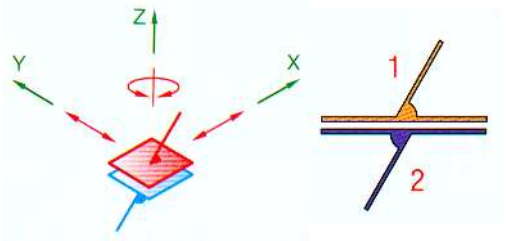
TORSEURS DES ACTIONS MECANIQUES TRANSMISSIBLES

SCHEMAS	MOBILITES	TORSEURS DES A M
ENCASTREMENT 		$\{T_{1\to2}\} = \begin{Bmatrix} X_{12} & L_{12} \\ Y_{12} & M_{12} \\ Z_{12} & N_{12} \end{Bmatrix}_{R}^{O}$
PIVOT d'axe (A, $\vec{x}$) 		$\{T_{1\to2}\} = \begin{Bmatrix} X_{12} & 0 \\ Y_{12} & M_{12} \\ Z_{12} & N_{12} \end{Bmatrix}_{R}^{A}$
PIVOT GLISSANT d'axe (A, $\vec{x}$) 		$\{T_{1\to2}\} = \begin{Bmatrix} 0 & 0 \\ Y_{12} & M_{12} \\ Z_{12} & N_{12} \end{Bmatrix}_{R}^{A}$
GLISSIERE d'axe (A, $\vec{x}$) 		$\{T_{1\to2}\} = \begin{Bmatrix} 0 & L_{12} \\ X_{12} & M_{12} \\ Z_{12} & N_{12} \end{Bmatrix}_{R}^{A}$
APPUI PLAN de normale (A, $\vec{z}$) 		$\{T_{1\to2}\} = \begin{Bmatrix} 0 & L_{12} \\ 0 & M_{12} \\ Z_{12} & 0 \end{Bmatrix}_{R}^{A}$

	T	R
x	0	0
y	0	0
z	0	0

	T	R
x	**0**	**1**
y	**0**	**0**
z	**0**	**0**

	T	R
x	**1**	**1**
y	**0**	**0**
z	**0**	**0**

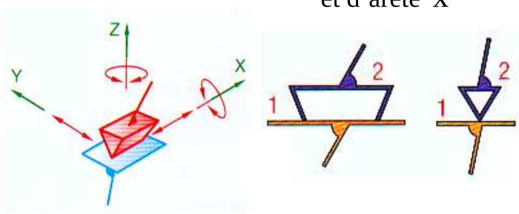
	T	R
x	**1**	**0**
y	**0**	**0**
z	**0**	**0**

	T	R
x	**1**	**0**
y	**1**	**0**
z	**0**	**1**

TORSEURS DES ACTIONS MECANIQUES TRANSMISSIBLES

SCHEMAS | **MOBILITES** | **TORSEURS DES A M**

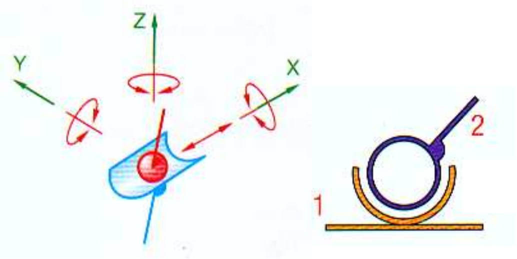
<u>LINEAIRE RECTILIGNE</u> de normale (A, $\vec{z}$) et d'arête $\vec{x}$



	T	R
x	1	1
y	1	0
z	0	1

$$\{T_{1\to2}\} = {}_A\left\{\begin{matrix} 0 & 0 \\ 0 & M_{12} \\ Z_{12} & 0 \end{matrix}\right\}_R$$

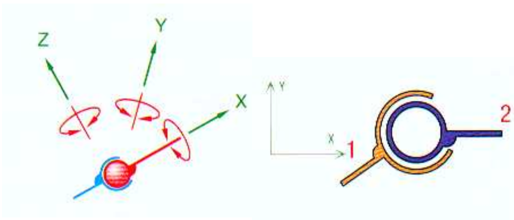
<u>LINEAIRE ANNULAIRE</u> d'axe (A, $\vec{x}$)



	T	R
x	1	1
y	0	1
z	0	1

$$\{T_{1\to2}\} = {}_A\left\{\begin{matrix} 0 & 0 \\ Y_{12} & 0 \\ Z_{12} & 0 \end{matrix}\right\}_R$$

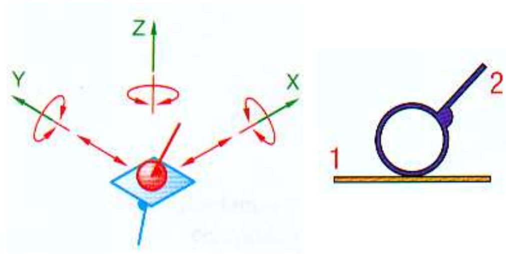
<u>ROTULE</u> de centre A



	T	R
x	0	1
y	0	1
z	0	1

$$\{T_{1\to2}\} = {}_A\left\{\begin{matrix} X_{12} & 0 \\ Y_{12} & 0 \\ Z_{12} & 0 \end{matrix}\right\}_R$$

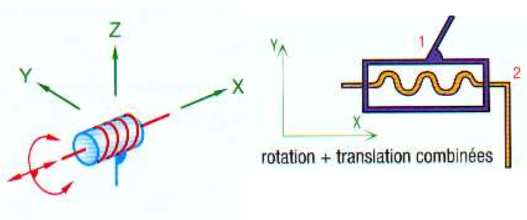
<u>PONCTUELLE</u> de normale (A, $\vec{x}$)



	T	R
x	1	1
y	1	1
z	0	1

$$\{T_{1\to2}\} = {}_A\left\{\begin{matrix} 0 & 0 \\ 0 & 0 \\ Z_{12} & 0 \end{matrix}\right\}_R$$

<u>HELICOIDALE</u> d'axe (A, $\vec{x}$)



	T	R
x	1	1
y	0	0
z	0	0

$$T_x = R_x \times \frac{Pas}{2\pi}$$

$$\{T_{1\to2}\} = {}_A\left\{\begin{matrix} X_{12} & L_{12} \\ Y_{12} & M_{12} \\ Z_{12} & N_{12} \end{matrix}\right\}_R$$

$$L_{12} = X_{12} \times Pas / 2\pi$$