Faculty of Science and Technology

Echahid University hammah lakhdar - Academic year 2023/2024 El Oued- Academic year 2023/2024 Module: Industrial Mechanism and Power **Transmission**

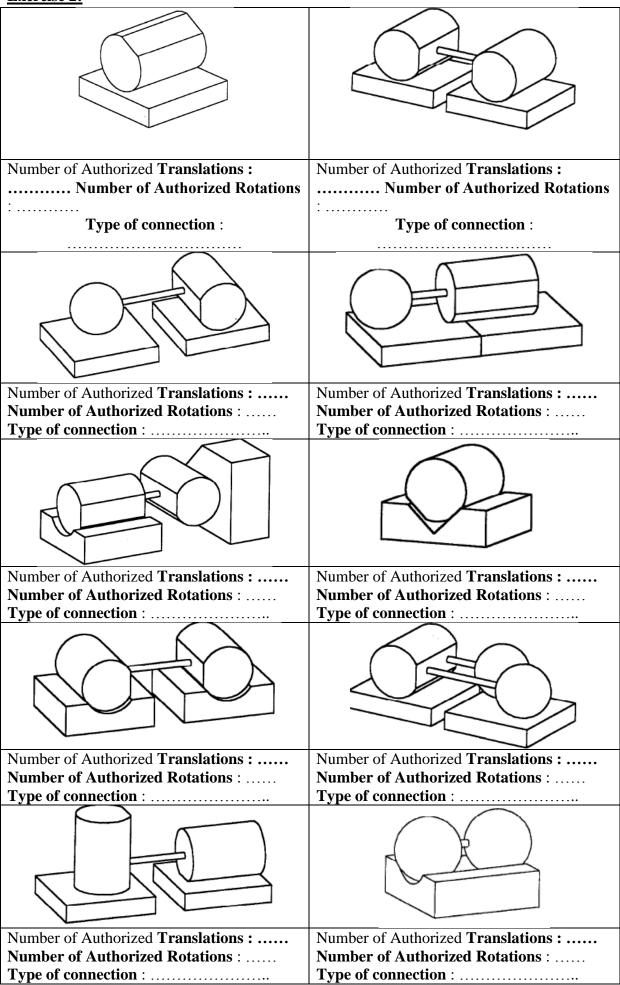
st1year Master in Electromechanics

TD 1: Making Connections

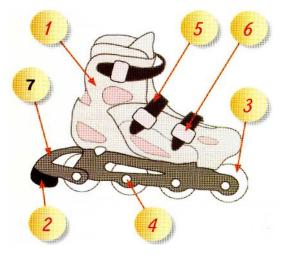
Exercise 1:

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Binding name	Movement	Planar representation	Examples
Ty x	T R x y	S1 S2 Degree of freedom = 0	For a la Fore du la Fo
Ay x	T R x		
Ay x	T R x y z		
Ay X X X X X X X X X X X X X X X X X X X	T R x		
Ay x	T R x y z	S2 S1 O	

Exercise 2:



Exercise 3: Give the name of the connection between the elements.



Roller			
Rep.	Elements	Connection	
`1 / 7	Slipper/Base		
`5/6	Strap/Buckle		
`4/3	Wheel axle/Wheel		
`4/7	Wheel Axle/Base		
`2/7	Brake/Base		