

## Definition of a mechanism :

Consulting the beginning of the video : “Kinematic Pairs.avi.flv”

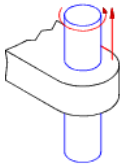
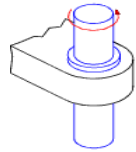
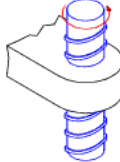
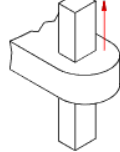
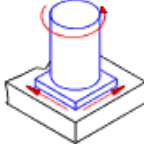
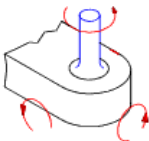
A mechanism is \_\_\_\_\_

\_\_\_\_\_

|                        |       |               |       |
|------------------------|-------|---------------|-------|
| Mécanisme :            | _____ | Transmettre : | _____ |
| Un ensemble de liens : | _____ | Modifier :    | _____ |
|                        | _____ | Mouvements :  | _____ |
| Liaisons mécaniques :  | _____ | Forces :      | _____ |

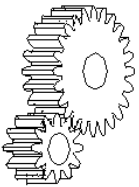
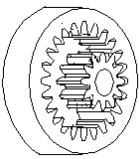
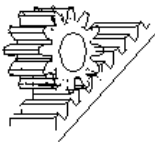
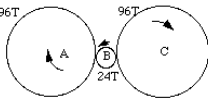
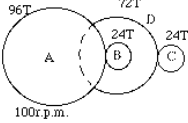
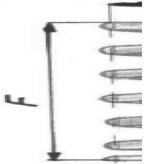
## Kinematic pairs

Consulting the video : “Kinematic Pairs.avi.flv” and the Indian web site : <http://www.cs.cmu.edu/...>

| Pair                                                                                | Standard representation | English name | French name |
|-------------------------------------------------------------------------------------|-------------------------|--------------|-------------|
|   |                         |              |             |
|  |                         |              |             |
|  |                         |              |             |
|  |                         |              |             |
|  |                         |              |             |
|  |                         |              |             |

|                                                                                   |                           |                                          |
|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------|
|  | <h1>Kinematics pairs</h1> | <p><b>T LV1</b></p> <p>Auteurs:CB,LL</p> |
|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------|

## Mechanism components

| Pair                                                                                | Skeleton outline | English name | French name                           |
|-------------------------------------------------------------------------------------|------------------|--------------|---------------------------------------|
|    |                  |              | Engrenages droit à contract extérieur |
|    |                  |              | Engrenages droit à contract intérieur |
|   |                  |              | Pignon crémaillère                    |
|  |                  |              | Poulie courroie                       |
|  |                  |              | Train d'engrenages simples            |
|  |                  |              | Train d'engrenages avec roue étagées  |
|  |                  |              | Ressort                               |
|  |                  |              | Bielle manivelle                      |