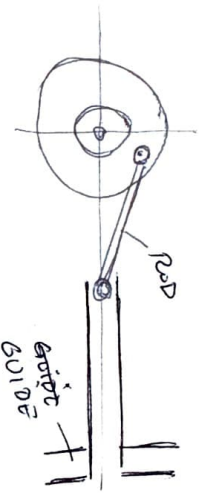


7. MECHANISMS

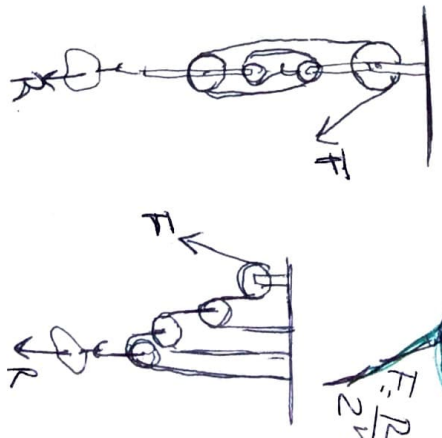
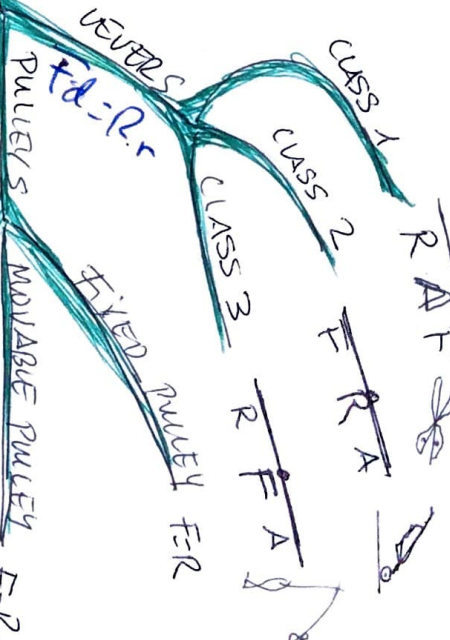
TRANSMISSION OF MOTION

- CRANK AND ROD MECHANISM
- RACK AND PINION MECHANISM
- WINDSCREEN WIPERS POWER TOWERS
- COCKSCREWS
- TEEBRIMS WIPERS
- CRANES
- MANICURE WIND AND CRANK MECHANISM



LINEAR TRANSMISSION

- LEVERS
- PULLEYS
- FIXED PULLEY
- Movable PULLEY
- COMPOUND PULLEY



ROTARY TRANSMISSION

- DIRECTLY
- FRICTION WHEELS
- INTERLOCKING GEARS (meshes distantly)
- PULLEY WITH BELTS
- BELT
- SPURKET AND CHAIN (pinions y cadenas)

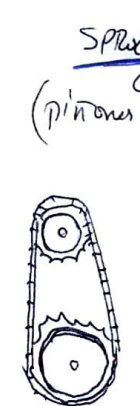
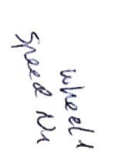


$$\frac{D_2 \text{ movida}}{D_1 \text{ motriz}} = \frac{N_1 \text{ ent}}{N_2 \text{ sal}}$$

$$\frac{D_2 \text{ movida}}{D_1 \text{ motriz}} = \frac{N_1 \text{ ent}}{N_2 \text{ sal}}$$

 (Substitute D for number of teeth)

$$D_1 \cdot N_1 = D_2 \cdot N_2$$



$$\frac{D_2 \text{ movida}}{D_1 \text{ motriz}} = \frac{N_1 \text{ ent}}{N_2 \text{ sal}}$$