**SCORPION BALANCE**

This project is made up of two parts, the upper structure (trunk) and the lower structure (trunk).

Imagen que contiene pizarrón

Descripción generada automáticamente

UPPER STRUCTURE: balance table using PID.

* Computer vision.
* PID.
* Actuation module. (2x servos 🡪 DS3218MG 5V-6.8V)

Example:

<https://github.com/giusenso/Ball-Balancing-PID-System>

LOWER STRUCTURE: leg movement.

* Mechanical engine.
* Actuation module. (1x servo 🡪 DS3218MG 5V-6.8V)

Example:

<https://www.youtube.com/watch?v=iVVLTqdiBNI>

We can do it with an Arduino or with Raspberry pi.