

Robótica

Grupo C1.04

Pedro Antonio Ramírez de Verger

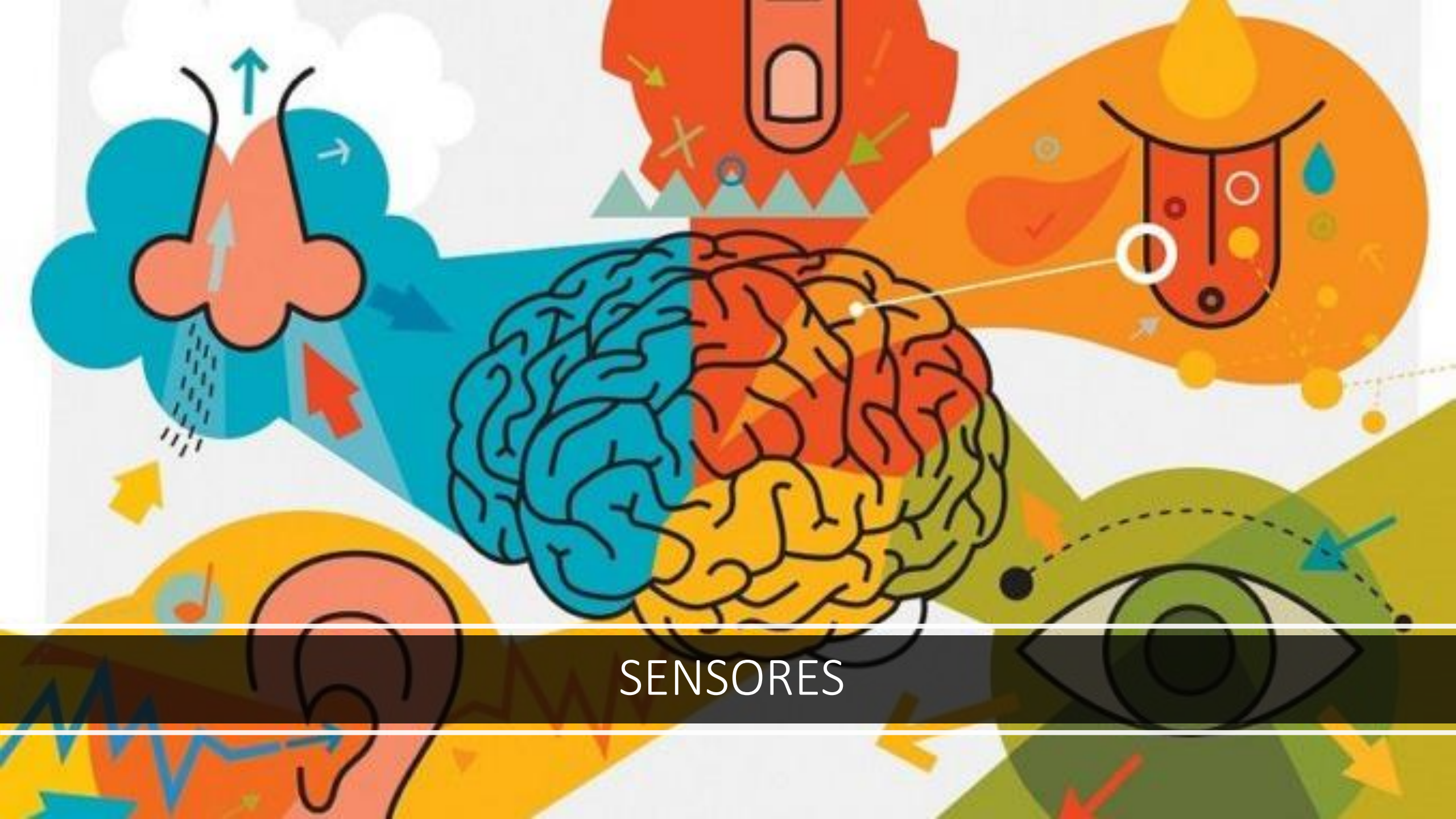
Rodríguez

César Sánchez Jerez

Sergio Rodríguez Salguero



HARDWARE ROBÓTICO |

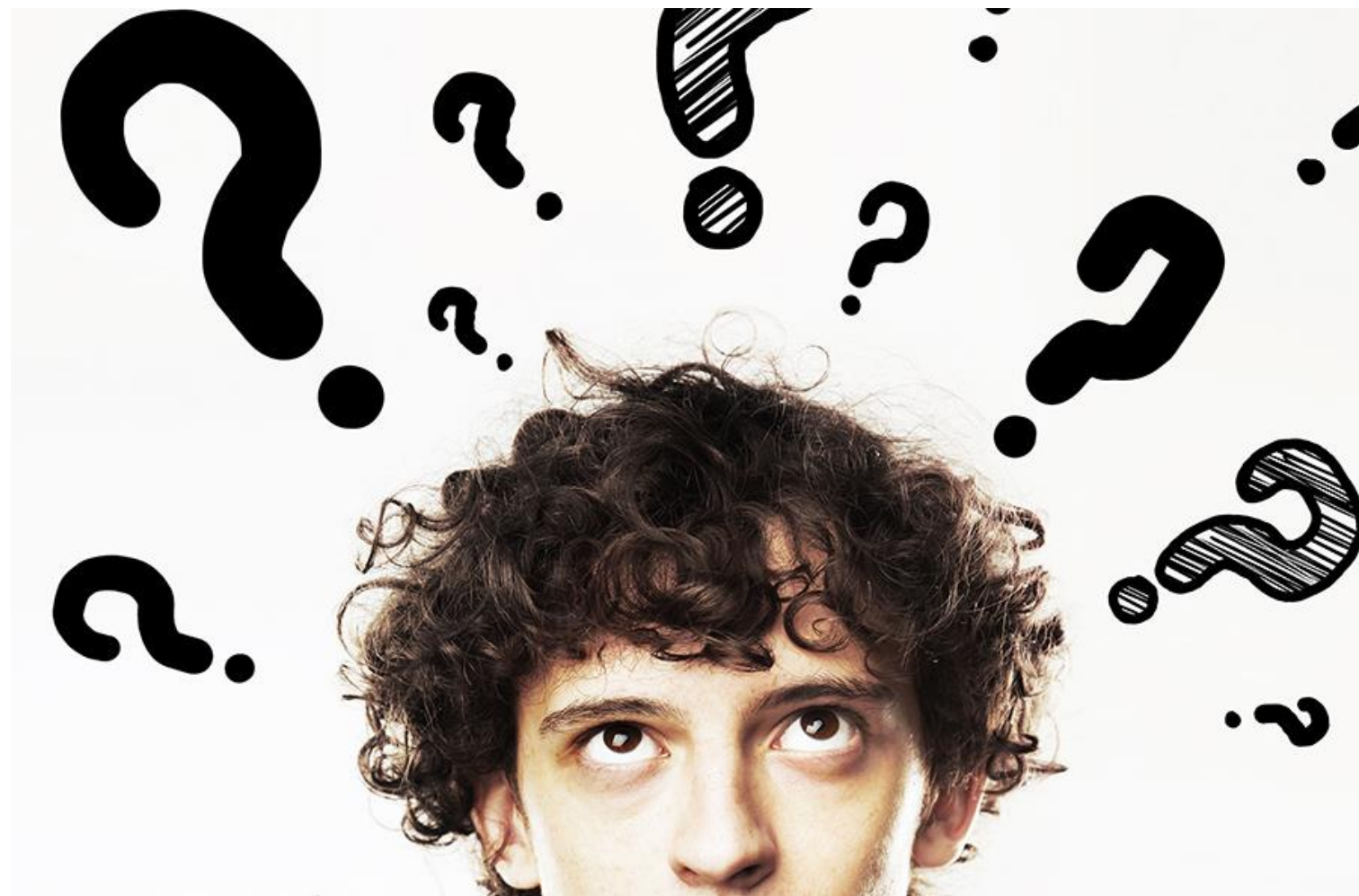


SENSORES

EFFECTORES



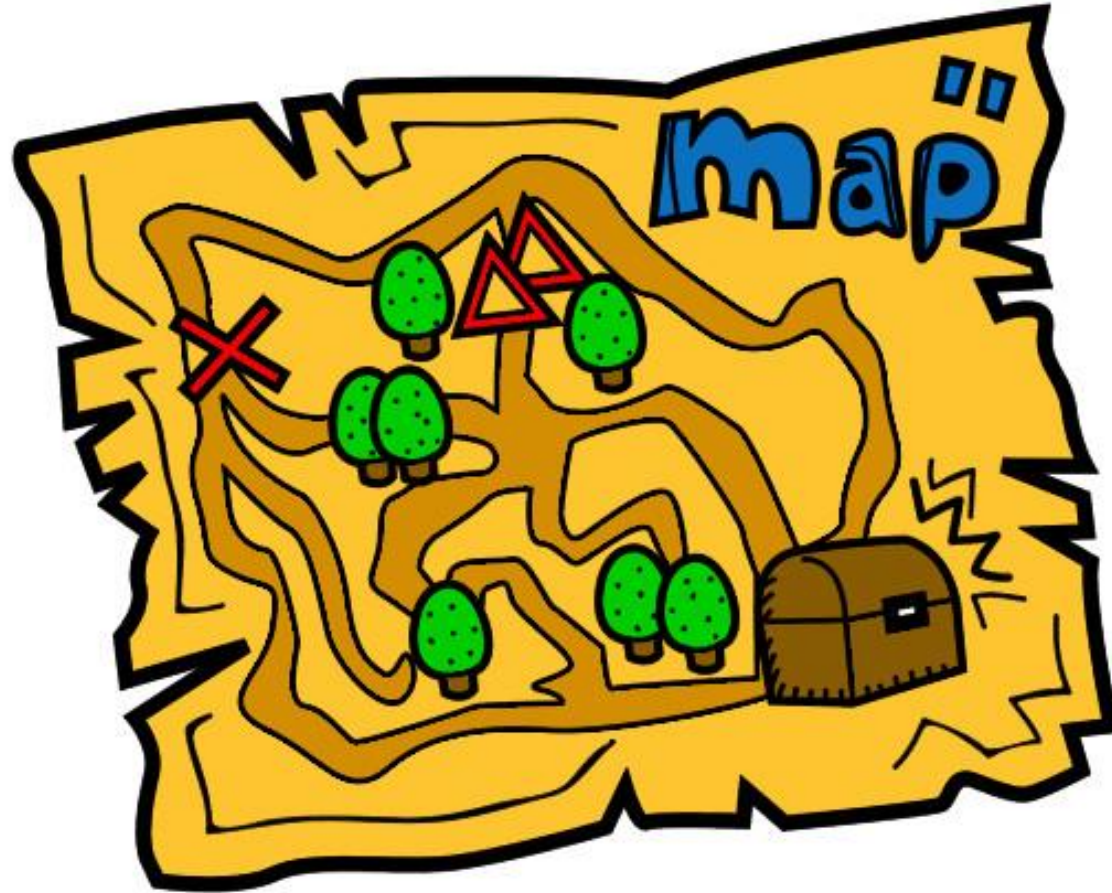
Percepción
robótica



Localización



Generación
de mapas



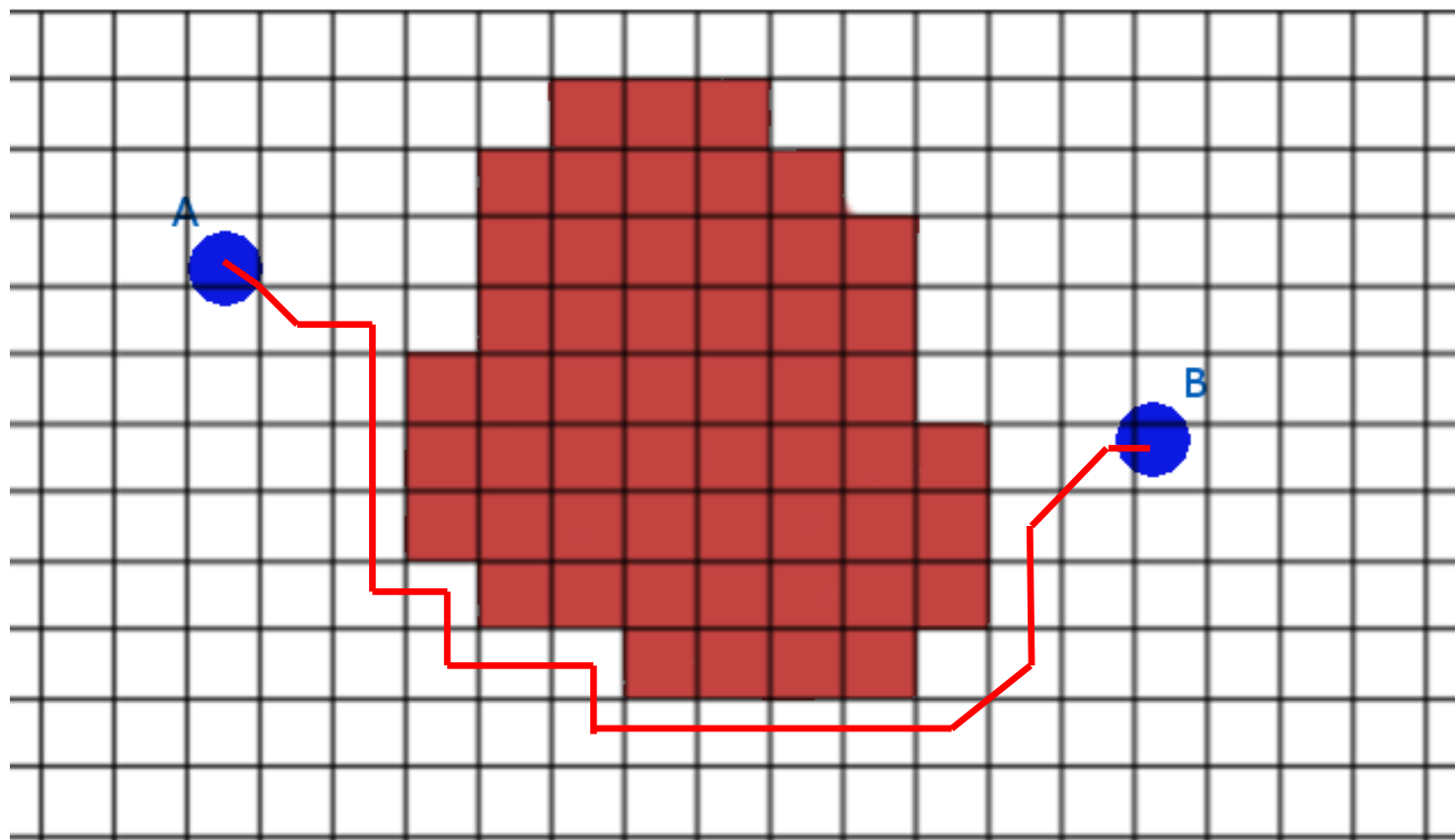
PLANEAR EL
MOVIMIENTO



ESPACIO DE CONFIGURACIÓN



DESCOMPOSICIÓN EN CELDAS



PLANIFICAR MOVIMIENTOS INCIERTOS



ALGORITMOS



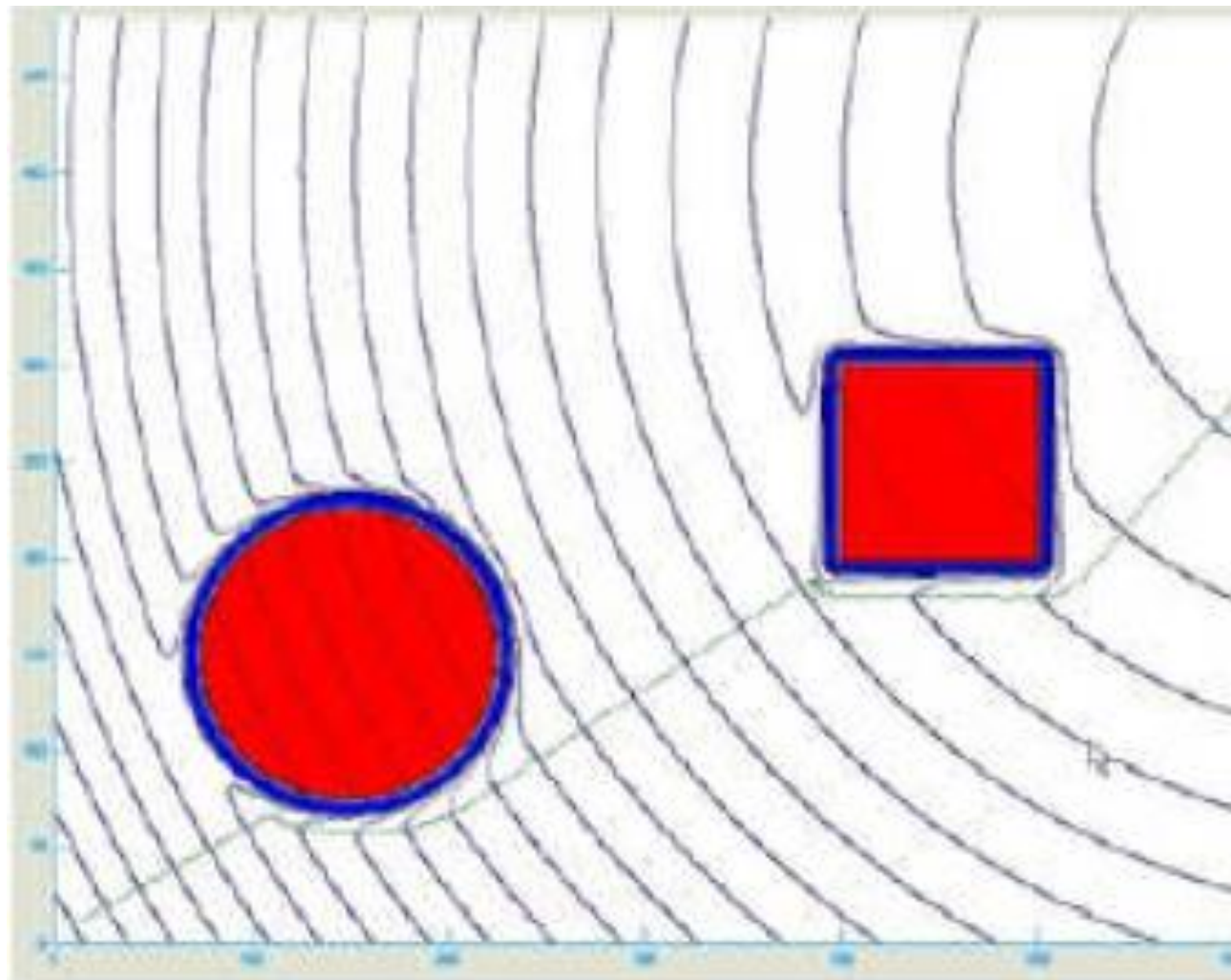
Movimiento



Dinámica y control



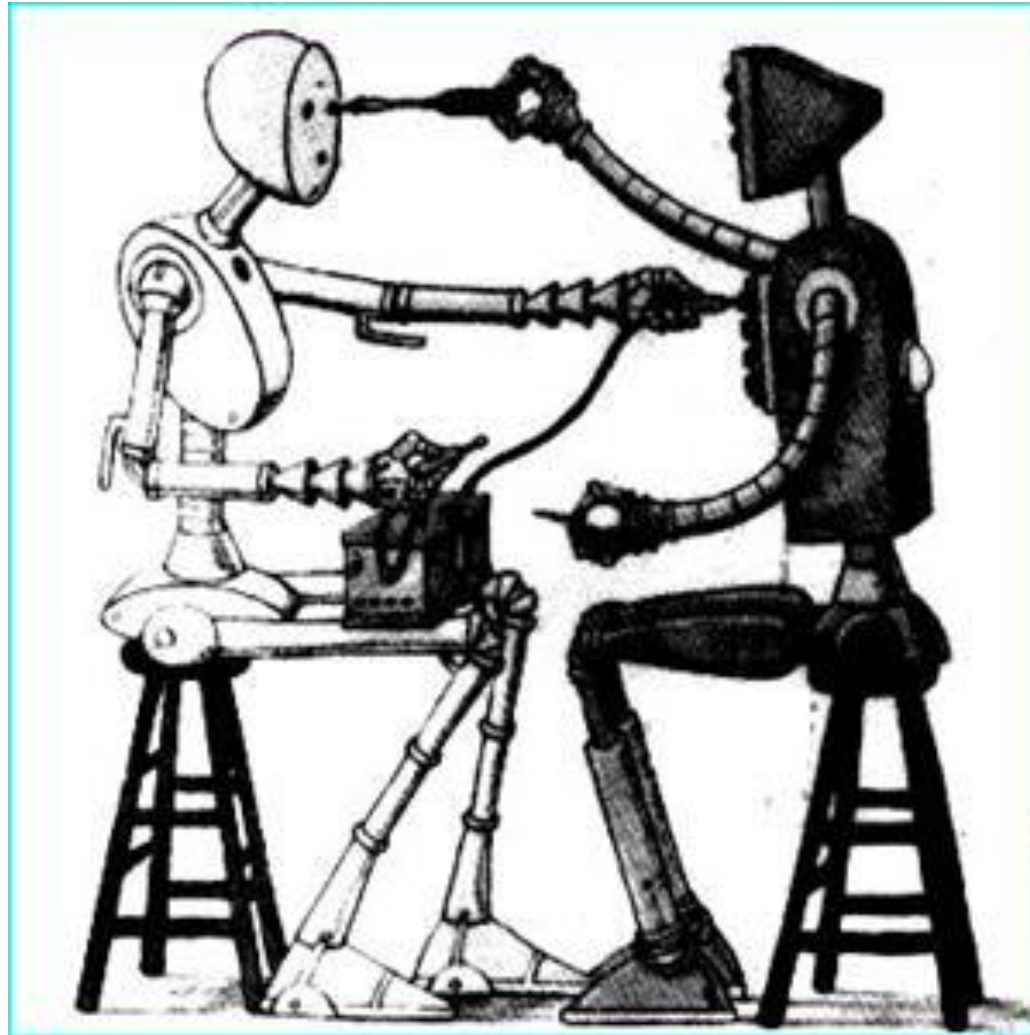
Control del
campo de
potencial





Control reactivo

ARQUITECTURA
DE HADWARE
ROBÓTICO



ARQUITECTURA EN TRES CAPAS

REACTIVA



EJECUTIVA



DELIBERATIVA

A word cloud of various programming languages and technologies. The words are arranged in a circular pattern, with some appearing more frequently than others. The languages include Java, JavaScript, PHP, Python, C++, C, C#, Groovy, Lisp, Pascal, Perl, Lua, VisualBasic, MATLAB, HTML, Ruby, COBOL, and SQL. The colors of the words vary, including shades of blue, orange, red, and grey.

LENGUAJES DE PROGRAMACIÓN ROBÓTICA