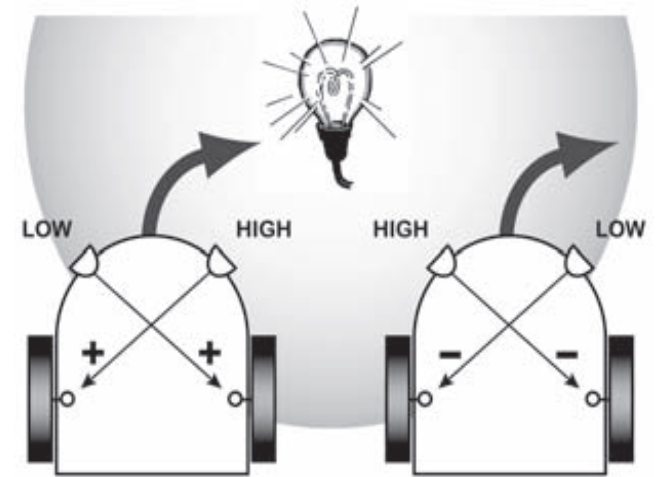# Kōan 4: Braitenberg vehicles

- Students could use the Pioneer mobile robot platform*, with a mounted omnidirectional camera, along with proximity sensors
- Develop a layered controller architecture
- One layer for simple obstacle avoidance behaviour
- Another layer for attraction/repulsion behaviour towards/from other pioneer robots in the environment
- Or perhaps explore Braitenberg vehicles for underwater applications (e.g. guided by ultrasound)?

Page 80 in "How the body shapes the way we think"

Do you have other ideas?
Feel free to be creative!