FFR125, FIM760

Autonomous agents

LP III-IV, 2008

Reading guidance 2008-03-07:

Literature:

1. **Wahde, M.:** *An introduction to autonomous robots* (lecture notes). [**MW**]

2. **Xie, M.** -- *Fundamentals of robotics - linking perception to action.* [**MX**]

3. Various scientific papers (web links or printouts will be made available during the course).

Lecture 14.1: Learning and adaptive behavior in autonomous robots:
> **Wahde, M.** An introduction to adaptive algorithms and intelligent machines,
> p. 89-94 (distributed in the lecture); *important*
> Paper by **Scherffig, L.**: Reinforcement learning in motor control; *briefly*

Lecture 14.2: Multi-robot applications:
> Paper by **Labella T.H., Dorigo M., Deneubourg J.-L.**: Division of Labour in a
> Group of Robots Inspired by Ants' Foraging Behaviour, 2006; *important*