

FFR125, FIM760

Autonomous agents

LP III-IV, 2008

Reading guidance

Literature:

1. **Wahde, M.:** *An introduction to autonomous robots* (lecture notes). [MW]
Available for download.
2. **Xie, M. --** *Fundamentals of robotics - linking perception to action*. [MX]
Available at Cremona bookstore
3. Various scientific papers (web links or printouts will be made available during the course) .

Lecture 9: Behavior organization in autonomous robots

MW 85-108.

- 6.1 Introduction and motivation; *important*
 - 6.2 Complex behaviors without explicit arbitration; *briefly*
 - 6.3 Methods for behavioral organization
 - 6.3.1 Taxonomy of methods for behavioral organization; *briefly*
 - 6.3.2 The utility function method; *important*
 - 6.3.3 The potential field method; *important*
 - 6.3.4 Other methods; *briefly*
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