

AMR 2016/2017: Final Project Assignments

1. MPC for a nonholonomic mobile manipulator

Aboudorra, Afifi, Fanello

2. Planning and control of the BallBot (shared with Rob 2)

Catacora, De Matteis, Torresi

3. RRT vs RRT*

group A: Lacerra, Manfredi, Pomponi

group B: Magistri, Norelli

4. MPC-based visual corridor navigation for humanoids (shared with Rob 2)

Asci, Scipione, Umili

5. Controlling humanoid robots in DART

L'Erario, Paoli, Petrucci

6. MPC-based humanoid gait generation using Mixed Integer Programming

Bucci, Cipollone, Molinari

7. MPC-based humanoid gait generation with variable CoM height

Ialongo, Jaramillo, Usai

also

Di Palo, Guadagnino: Rob2/AMR shared project B