bbd [package] Constraint Library [Amphibious Robot]

«Constraint»

Obstacle detection distance

constraints

 $\{d > O\}$

Parameters

d: distance

O: Obstacle

«Constraint»

Depth of Water

constraints

 $\{V \le 65.8\}$

Parameters

v: volume

«Constraint»

Maximum weight of robot

constraints

{m*g == floatableRange}

Parameters

m: Mass

g: gravitational acceleration

«Constraint»

Ultrasonic detection range

constraints

 ${d = 2 - 40}$

Parameters

d: distance