bbd [package] Constraint Library [Amphibious Robot]

«Constraint»

Obstacle detection distance

constraints

 $\{rD > O\}$ 

Parameters

rD: robotDistance

O: Obstacle

«Constraint»

Ultrasonic detection range

constraints

 ${d = 2 - 40}$ 

Parameters

d: distance

«Constraint»

Depth of Water

constraints

{Volume <= 65.8}

Parameters

volume: float

«Constraint»

Maximum weight of robot

constraints

{m\*g == floatableRange}

Parameters

m: Mass

g: gravitational acceleration