

Unbounded Designers Humanoid Teen Size



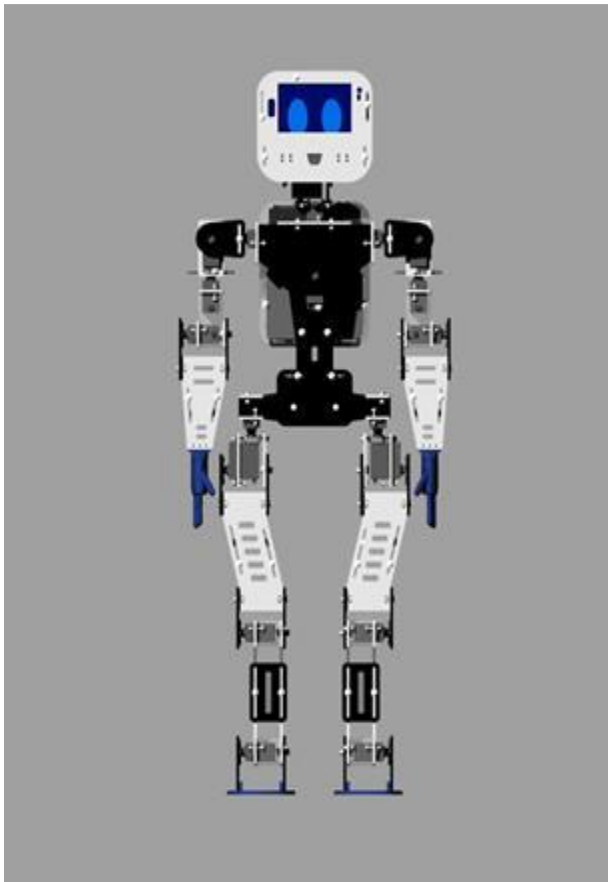
Specification Paper

RoboCup 2018 Humanoid TeenSize Robot League, Montreal, Canada

Address : UnboundedDesigners Robot lab-Islamic Azad University Isfahan(Khorasgan) Branch-University Blvd-
Arqavanieh-Jey Street-Isfahan-Iran-P.O.Box:81595-158

Website: UnboundedDesigners.com

Robot name: Aren



Robot System	Unbounded Designers(Aren)
Weight	~5 Kg
Height	83 Cm
DOF	20
Actuators	MG995
Vision System	Logitech C905 640x680 @ 30fps
Processing unit	Quau max Core-I 1.8GHz, 2 GB DDR3 memory, 64 GB SSD
OS	Windows 8.1
Battery	Li-Po 11.1V 5000mA

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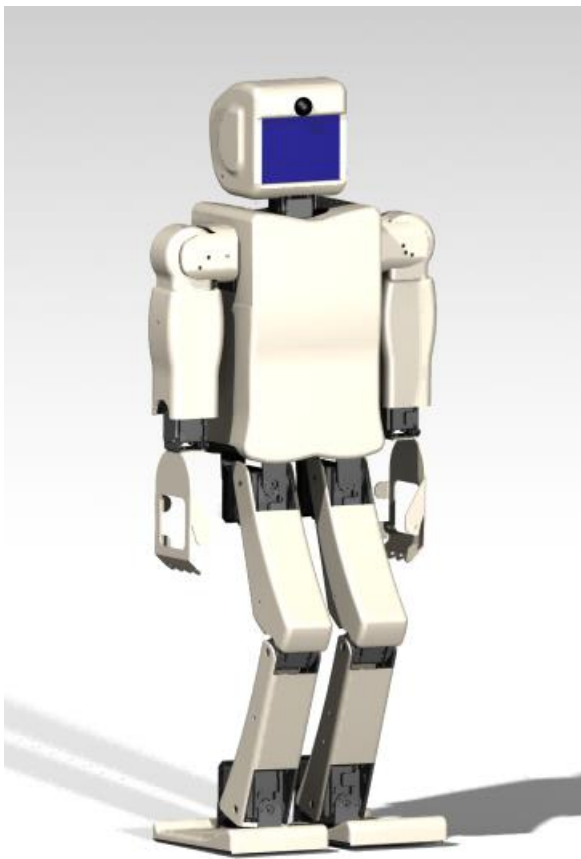
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Robot name: Tina



Robot System	Unbounded Designers(Tina)
Weight	6 Kg
Height	85 Cm
DOF	20
Actuators	Dynamixel MX-106, MX-64, MX-28
Vision System	Logitech C905 640x680 @ 30fps
Processing unit	Intel NUC7I7BNH- /X1D, 2 GB DDR3 memory, 64 GB SSD
OS	Windows 8.1
Battery	Li-Po 11.1V 5000mA

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Robot name: Tohid



Robot System	Tohid
Weight	6 Kg
Height	84 Cm
DOF	20
Actuators	Dynamixel MX-106 & MX-64 & MX-28
Vision System	Logitech C905 640x480 @ 30 fps
Processing unit	QutePC-3000 (QPC-3000) [3], 2 GB DDR3 memory, 64 GB SSD
OS	Windows 8.1
Battery	Li-Po 11.1 V – 5000mAh