THE EXPERIENCE FROM THE OPERATION
OF THE NAO HUMANOID ROBOTS

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ABSTRACT The paper presents several years of the operation experience with two generations of the autonomous humanoid robot NAO. Major sensors, responsible for this human robot interactions have been described. The possibilities and limitations of the robot and some observations that result from the experience with dedicated software (Choregraphe, Monitor and Webots for NAO) have been also discusses. Major changes in the design of the robot and examples of the use of this robotic platform (e.g., education, Autism therapy) have been discussed as well.

Keywords: robotics, humanoid robot NAO