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Robotics - Wikipedia

An industrial robot is a robot system used for manufacturing. Industrial robots are automated, programmable and capable of movement on three or more axes. Typical applications of robots include welding, painting, assembly, pick and place for printed circuit boards, packaging and labeling, palletizing, product inspection, and testing; all accomplished with high endurance, speed, and precision.

Industrial robot - Wikipedia

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Fig. 1. The robot reasons and acts in domestic interaction scenarios. The sources of information are multi-modal dialogue (A) and perspective-aware monitoring of the environment and human activity (B). The robot must adapt on-line its behaviours by merging computed plans (C) with reactive control. The robot explicitly reasons on the fact that it is (or is not) observed by the human.

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Blog – Rodney Brooks

Vol.7, No.3, May, 2004. Mathematical and Natural Sciences. Study on Bilinear Scheme and Application to Three-dimensional Convective Equation (Itaru Hataue and Yosuke Matsuda)

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