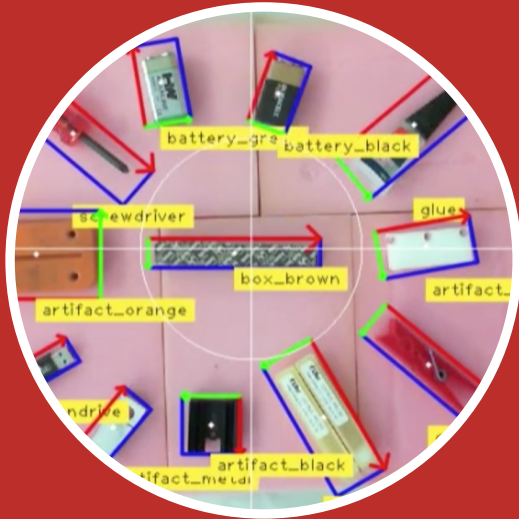


IMAGE LABELING SYSTEM

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The invention addresses the problem of providing an image labeling system, which allows reducing the human intervention in labeling procedure.

Protection: International

Inventors: Daniele De Gregorio, Luigi Di Stefano

INVENTION

The system is conceived for the automated generation of **Labeled Data** for training Data-Driven Vision systems, such as the Neural Networks. The patented technology allows to generate automatically a quantity of visual data (e.g. labeled images) enough to be able to **train**, and/or **reconfigure** a vision system, for the recognition of a set of objects of interest. The device thus consists of an automatic machine with multiple degrees of freedom (e.g. an anthropomorphic robot) and a display, such as a simple LCD or E-INK monitor, capable of presenting information in visual form.

ADVANTAGES

- Lowering costs;
- Reducing human involvement throughout the labelling process.

APPLICATIONS

- Industry and manufacturing;
- Augmented Reality.

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