

Boundary recognition for irregular shaped object using AI



Coming Soon



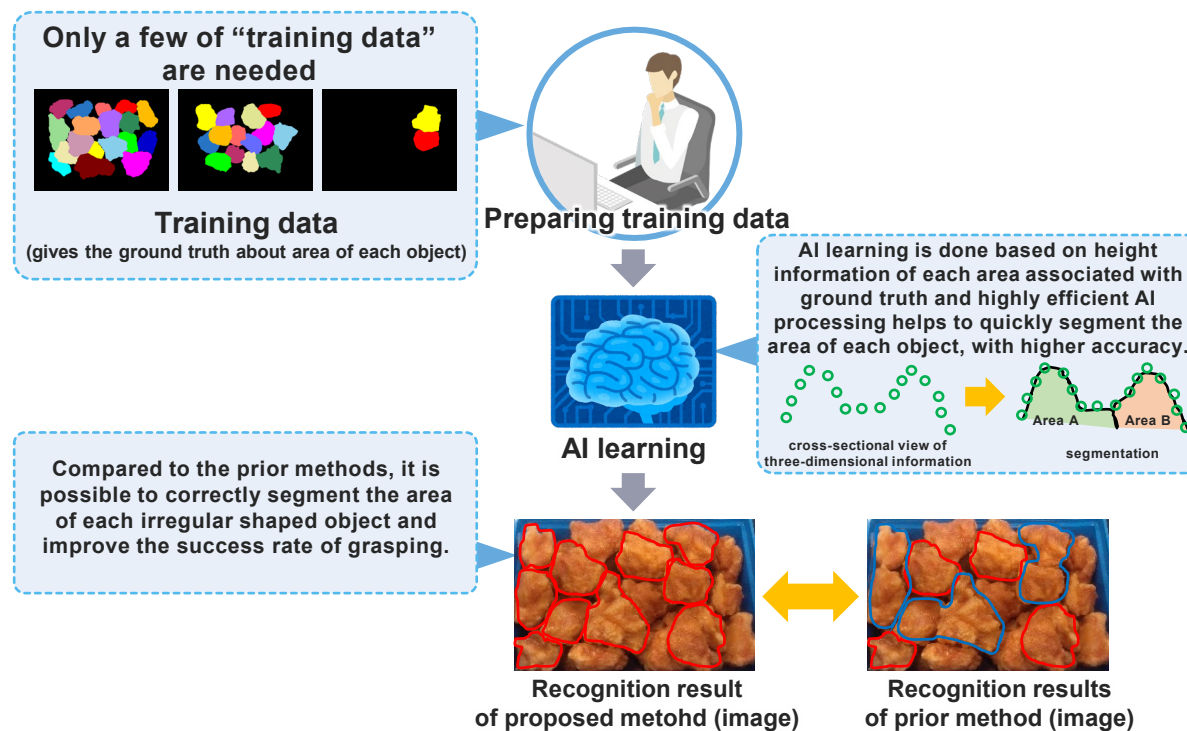
Features

Accurately recognize boundaries of irregular shaped objects (Recognition accuracy up to 96%).

Highly efficient AI processing significantly reduces training time (to approximately 10 minutes).

AI accurately recognizes boundaries of each object with just a few of training data.

Concept



Flow of boundary recognition for irregular shaped objects using AI

Boundary recognition for irregular shaped object using AI



Coming Soon



» Features

» Image

Capable of recognizing boundaries of various foods with irregular shapes.

Boundary recognition (based on height), with priority given to objects that are easy to pick.

Stable boundary recognition to pick all objects even when the number of objects in the bin is changed

Example (real photograph)

Example of results ① (many objects in the bin)

Boundary recognition with priority given to objects that are easy to pick.
■ ■ ■ ■ recognition result

Example of results ② (a few objects in the bin)

Stable boundary recognition even when the number of objects in the bin is changed.

