METHOD AND SYSTEM FOR ROBOT CALIBRATIONS WITH A CAMERA

ABSTRACT

Described herein is a method and system for performing calibrations on robotic components. In one embodiment, a method for performing robotic calibrations includes manually calibrating a center of a robot blade aligned with respect to a target. The method further includes recording a first positional value of the center of the robot blade aligned with respect to a camera. The method further includes automatically determining a second positional value of the center of the robot blade aligned with respect to the camera. The method further includes automatically recalibrating the robot blade based on an offset between the second positional value and the first positional value exceeding a tolerance offset from the first positional value.

FIG. 1