Basketball Player Identification by Jersey and Number Recognition
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Original image

Andrew Bynum and Ramon Sessions recognized from the Lakers

MAP detection applied to get the Lakers' jerseys recognized

Recognize the player by area of the jersey, invert the colors, and apply erosion

Apply image to smart OCR, and then associate the number obtained to the player's name

Recognize the number by setting thresholds on height to width ratio and percentage of total area

Recognized number

17