



Figure 6: Experimental results. The first row shows the detection capabilities for a hand covered by a glove and an arm covered by sleeves (left: original amplitude data; middle: fine segmentation (gray) and palm contour (white); right: identified fingers, root finger joints and palm center). The second row shows the sensitivity of the processing pipeline: Since the fingers are strongly bent, no fingers are detected as the processing pipeline was designed to detect straight fingers (left: original amplitude image; middle: depth map; right: detection result with no marked fingers).

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