

Description of Additional supplementary file

Movie S1. Summary of multimodal tactile sensing fused with vision for dexterous robotic housekeeping.

Movie S2. Tactile feedback enables a stable grasp.

Movie S3. The comparison between tactile-visual fusion method and only vision method.

Movie S4. Case 1 The tactile-visual fusion robot accomplishes a desk-cleaning task.

Movie S5. Case 2 The tactile-visual fusion robot accomplishes another desk-cleaning task.