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## Research outputs

### **A Framework for Transferring Surface Finishing Skills to New Surface Geometries**

Kim, Y., Sloth, C. & Kramberger, A., 26. Dec 2022, *2022 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*. IEEE, p. 7650-7655 (I E E E International Conference on Intelligent Robots and Systems. Proceedings).

### **Robotic Assembly of Timber Structures in a Human-Robot Collaboration Setup**

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### **Expert Initialized Reinforcement Learning with Application to Robotic Assembly**

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### **Skill Transfer for Surface Finishing Tasks Based on Estimation of Key Parameters**

Kim, Y., Sloth, C. & Kramberger, A., 2022, *2022 IEEE 18th International Conference on Automation Science and Engineering (CASE)*. IEEE, p. 2148-2153 (IEEE International Conference on Automation Science and Engineering, Vol. 2022-August).

### **Towards Contact Point and Surface Normal Estimation for Control of Flexible Tool**

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### **A robot sampling apparatus and a method for obtaining intra-cavity biological surface sample from patient**

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### **A robotic sampling apparatus and method for obtaining an intra-cavity biological surface sample from a patient**

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### **A robot system arranged for autonomously obtaining biological surface samples from a patient**

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### **A sample obtaining device**

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**Assembly Strategy for Deformable Ring-Shaped Objects**

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**Simultaneous Contact Point and Surface Normal Estimation during Soft Finger Contact**

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**P-Safe Analysis of Stochastic Hybrid Processes**

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