

## 研究成果報告書 (2020.11.1－2021.10.31)

### 審査学術論文

- (1) Hidetaka Fujii, Takashi Onishi, Chihui Lin, Moriaki Sakakura, Kazuhito Ohashi: Improvement of form accuracy in cylindrical traverse grinding with steady rest by controlling traverse speed, Journal of Advanced Mechanical Design, Systems, and Manufacturing, Vol.15, 2021, No.4, Paper No.20-00505.

### 学会発表

- (1) Takashi Onishi, Yuki Murata, Kohei Fujiwara, Moriaki Sakakura, Kazuhito Ohashi: Accurate Estimation of Workpiece Dimension in Plunge Grinding without Sizing Gauge, Proceedings of the 18th International Conference on Precision Engineering, No.B-2-9, Nov. 2020, Virtual.
- (2) Hidetaka Fujii, Takashi Onishi, Chihui Lin, Moriaki Sakakura, Kazuhito Ohashi: Improvement of Form Accuracy of Slender Workpiece in Cylindrical Traverse Grinding with Steady Rest, Proceedings of the 18th International Conference on Precision Engineering, No.B-2-6, Nov. 2020, Virtual.
- (3) 村田祐樹, 大西孝, 坂倉守昭, 大橋一仁: 円筒プランジ研削における寸法生成量の推定, 2021 年度砥粒加工学会学術講演会, 2021 年 9 月, オンライン.
- (4) 市場剛, 大西孝, 中林優介, 坂倉守昭, 大橋一仁: 高アスペクト比を有する砥石を用いた内面研削における寸法生成量の予測, 2021 年度精密工学会秋季大会学術講演会, 2021 年 9 月, オンライン.