

研究成果報告書 (掲載期間 2018.11-2019.10)

審査学術論文

- (1) Yuebing Li, Yasushi Sanada, Koki Maekawa, Haruka Katayama, Ho Choi, Kazuto Matsukawa, and Susumu Takahashi: Seismic strengthening and rehabilitation of RC frame structures with weak beam-column joints by installing wing walls, *Bull. Earthquake Eng.* (2019). <https://doi.org/10.1007/s10518-018-00547-3>
- (2) Syafri Wardi, Nandita Saha, Yasushi Sanada, and Susumu Takahashi: Pullout test of post-installed anchors in low strength concrete with brick chips representing Bangladeshi concrete, 日本建築学会技術報告集, Vol. 25, No. 59, pp. 199-204, 2019. 2
- (3) Susumu Takahashi, Kazuyoshi Hotta, Minori Hirose, Toshikatsu Ichinose, Masaki Maeda, Lucas Laughery, Santiago Pujol: Seismic Damage of a Building Caused by Post-installed Anchors Intended to Increase Shear Strength of Structural Wall, *Journal of Advanced Concrete Technology*, Vol. 17, No. 3, pp. 138-150, 2019. 3

学術論文

- (1) 間康平, 高橋之, 真田靖士: 粗骨材に破碎レンガを使用したコンクリートの一軸圧縮試験における寸法効果, 日本建築学会東海支部研究報告集, 第 57 号, pp. 9-12, 2019. 2
- (2) H. M. Golam Samdani, Susumu Takahashi, Yasushi Sanada, Suguru Suzuki: Experimental Study on a Strengthening Technique by Wing Walls for Flat Plate-Column Connections with Low-Strength Concrete, 日本建築学会近畿支部研究発表会, 第 59 号, pp. 485-488, 2019. 6
- (3) 高橋之, H. M. Golam Samdani, 真田靖士, 鈴木卓, 尹ロク現: Experimental Study on Flat Plate-Column Connection Made with Low-Strength Concrete Part 3 Strengthening Proposal with Wing Walls, 日本建築学会大会学術講演梗概集, pp. 255-256, 2019. 9
- (4) H. M. Golam Samdani, 高橋之, 真田靖士, 鈴木卓, 尹ロク現: Experimental Study on Flat Plate-Column Connection Made with Low-Strength Concrete Part 4 Effectiveness of the Proposed Strengthening Technique, 日本建築学会大会学術講演梗概集, pp. 257-258, 2019. 9

科研費採択

- (1) 高橋之: 19K04697, 基盤研究(C), 鉄筋の節を介して伝達される応力に基づく鉄筋コンクリート部材のひび割れ間隔と幅, 2019.