

## References

- [1] Abdulridha, A., & Palermo, D. (2017). Behaviour and modelling of hybrid SMA-steel reinforced concrete slender shear wall. *Engineering Structures*, 147, 77-89.
- [2] Alarcon, C., Hube, M. A., & De la Llera, J. C. (2014). Effect of axial loads in the seismic behavior of reinforced concrete walls with unconfined wall boundaries. *Engineering Structures*, 73, 13-23.
- [3] Altin, S., Kopraman, Y., & Baran, M. (2013). Strengthening of RC walls using externally bonding of steel strips. *Engineering Structures*, 49, 686-695.
- [4] Athanasopoulou, A. (2010). *Shear strength and drift capacity of reinforced concrete and highperformance fiber reinforced concrete low-rise walls subjected to displacement reversals* (Doctoral dissertation, University of Michigan).
- [5] Baek, J. W., Park, H. G., Shin, H. M., & Yim, S. J. (2017). Cyclic loading test for reinforced concrete walls (Aspect Ratio 2.0) with grade 550 MPa (80 ksi) shear reinforcing bars. *ACI Structural Journal*, 114(3), 673.
- [6] Baek, J. W., Park, H. G., Lee, J. H., & Bang, C. J. (2017). Cyclic loading test for walls of aspect ratio 1.0 and 0.5 with grade 550 MPa (80 ksi) shear reinforcing bars. *ACI Structural Journal*, 114(4), 969.
- [7] Baek, J. W., Park, H. G., Choi, K. K., Seo, M. S., & Chung, L. (2018). Minimum shear reinforcement of slender walls with grade 500 MPa (72.5 ksi) reinforcing bars. *ACI Structural Journal*, 115(3), 761-774.
- [8] Cheng, M. Y., Hung, S. C., Lequesne, R. D., & Lepage, A. (2016). Earthquake-resistant squat walls reinforced with high-strength steel. *ACI Structural Journal*, 113(5), 1065-1076.
- [9] Christidis, K. I., & Trezos, K. G. (2017). Experimental investigation of existing non-conforming RC shear walls. *Engineering Structures*, 140, 26-38.
- [10] Cortés-Puentes, W. L., & Palermo, D. (2018). Performance of pre-1970s squat reinforced concrete shear walls. *Canadian Journal of Civil Engineering*, 45(11), 922-935.
- [11] Deng, M., Liang, X., & Yang, K. (2008, October). Experimental study on seismic behavior of high performance concrete shear wall with new strategy of transverse confining stirrups. In *Proceeding of the 14th World Conference on Earthquake Engineering, Xi'an University of Architecture & Technology, China* (pp. 1-8).
- [12] Elnashai, A. S., & Pinho, R. (1998). Repair and retrofitting of RC walls using selective techniques. *Journal of earthquake engineering*, 2(04), 525-568.
- [13] Ghazizadeh, S., & Cruz-Noguez, C. A. (2018). Damage-resistant reinforced concrete low-rise walls with hybrid GFRP-steel reinforcement and steel fibers. *Journal of Composites for Construction*, 22(2), 04018002.
- [14] Ghorbani-Renani, I., Velev, N., Tremblay, R., Palermo, D., Massicotte, B., & Léger, P. (2009). Modeling and testing influence of scaling effects on inelastic response of shear walls. *ACI Structural Journal*, 106(3), 358.
- [15] Gu, Q., Dong, G., Wang, X., Jiang, H., & Peng, S. (2019). Research on pseudo-static cyclic tests of precast concrete shear walls with vertical rebar lapping in grout-filled constrained hole. *Engineering Structures*, 189, 396-410.
- [16] Han, S. W., Oh, Y. H., & Lee, L. H. (2002). Seismic behaviour of structural walls with specific details. *Magazine of Concrete Research*, 54(5), 333-345.

- [17] Hidalgo, P. A., Ledezma, C. A., & Jordan, R. M. (2002). Seismic behavior of squat reinforced concrete shear walls. *Earthquake Spectra*, 18(2), 287-308.
- [18] Hube, M. A., Marihuén, A., de la Llera, J. C., & Stojadinovic, B. (2014). Seismic behavior of slender reinforced concrete walls. *Engineering Structures*, 80, 377-388.
- [19] Jiang, H. (2008). Shear walls R01~R02 (1999). In State Key Laboratory of Disaster Reduction in Civil Engineering, *SLDRCE database on static tests of structural members and joint assemblies* (pp. 69-85). Shanghai, China: Tongji University.
- [20] Jiang, H., Wang, B., & Lu, X. (2013). Experimental study on damage behavior of reinforced concrete shear walls subjected to cyclic loads. *Journal of earthquake engineering*, 17(7), 958971.
- [21] Kuang, J. S., & Ho, Y. B. (2007). Enhancing ductility of non-seismically designed RC shear walls. *Proceedings of the Institution of Civil Engineers-Structures and Buildings*, 160(3), 139149.
- [22] Lefas, I. D., Kotsovos, M. D., & Ambraseys, N. N. (1990). Behavior of reinforced concrete structural walls: strength, deformation characteristics, and failure mechanism. *Structural Journal*, 87(1), 23-31.
- [23] Lombard, J., Lau, D. T., Humar, J. L., Foo, S., & Cheung, M. S. (2000, January). Seismic strengthening and repair of reinforced concrete shear walls. In *Proc., 12th World Conf. on Earthquake Engineering* (pp. 1-8).
- [24] Lu, X., Wang, L., Wang, D., & Jiang, H. (2016). An innovative joint connecting beam for precast concrete shear wall structures. *Structural Concrete*, 17(6), 972-986.
- [25] Lu, Y., Henry, R. S., Gultom, R., & Ma, Q. T. (2017). Cyclic testing of reinforced concrete walls with distributed minimum vertical reinforcement. *Journal of Structural Engineering*, 143(5), 04016225.
- [26] Lu, Y., Gultom, R. J., Ma, Q. Q., & Henry, R. S. (2018). Experimental validation of minimum vertical reinforcement requirements for ductile concrete walls. *ACI Structural Journal*, 115(4), 1115-1130.
- [27] Luna, B., Whittaker, A., & Rivera, J. (2013). Seismic behavior of low aspect ratio reinforced concrete shear walls. *ACI Structural Journal*, 12(5), 593-604.
- [28] Ma, H., Zhang, H. M., & Zhai, Y. Q. (2014). Experimental Study on Seismic Performance of RC Shear Wall with High-Strength Rebars. In *International Efforts in Lifeline Earthquake Engineering* (pp. 505-512).
- [29] Massone, L. M., Orakcal, K., & Wallace, J. W. (2009). Modelling of Squat Structural Walls Controlled by Shear. *ACI Structural Journal*, 106(5).
- [30] Massone, L. M., Díaz, S., Manríquez, I., Rojas, F., & Herrera, R. (2019). Experimental cyclic response of RC walls with setback discontinuities. *Engineering Structures*, 178, 410-422.
- [31] Oh, Y. H., Han, S. W., & Lee, L. H. (2002). Effect of boundary element details on the seismic deformation capacity of structural walls. *Earthquake engineering & structural dynamics*, 31(8), 1583-1602.
- [32] Park, H. G., Baek, J. W., Lee, J. H., & Shin, H. M. (2015). Cyclic loading tests for shear strength of low-rise reinforced concrete walls with grade 550 MPa bars. *ACI Structural Journal*, 112(3), 299-310.
- [33] Paulay, T., Priestley, M. J. N., & Syngé, A. J. (1982, July). Ductility in earthquake resisting squat shearwalls. *ACI Journal*, 79(4), 257-269.

- [34] Peng, Y. Y., Qian, J. R., & Wang, Y. H. (2016). Cyclic performance of precast concrete shear walls with a mortar–sleeve connection for longitudinal steel bars. *Materials and Structures*, 49(6), 2455-2469.
- [35] Pilakoutas, K., & Elnashai, A. S. (1995). Cyclic behavior of reinforced concrete cantilever walls, Part I: Experimental results. *ACI structural journal*, 92(3), 271-281.
- [36] Qiao, Q., Cao, W., Qian, Z., Li, X., Zhang, W., & Liu, W. (2017). Cyclic behavior of low rise concrete shear walls containing recycled coarse and fine aggregates. *Materials*, 10(12), 1400.
- [37] Quiroz, L. G., Maruyama, Y., & Zavala, C. (2013). Cyclic behavior of thin RC Peruvian shear walls: Full-scale experimental investigation and numerical simulation. *Engineering Structures*, 52, 153-167.
- [38] Ren, F., Chen, J., Chen, G., Guo, Y., & Jiang, T. (2018). Seismic behavior of composite shear walls incorporating concrete-filled steel and FRP tubes as boundary elements. *Engineering structures*, 168, 405-419.
- [39] Salonikios, T. N., Kappos, A. J., Tegos, I. A., & Penelis, G. G. (1999). Cyclic load behavior of low-slenderness reinforced concrete walls: Design basis and test results. *Structural Journal*, 96(4), 649-660.
- [40] Shen, D., Yang, Q., Jiao, Y., Cui, Z., & Zhang, J. (2017). Experimental investigations on reinforced concrete shear walls strengthened with basalt fiber-reinforced polymers under cyclic load. *Construction and Building Materials*, 136, 217-229.
- [41] Tasnimi, A. A. (2000). Strength and deformation of mid-rise shear walls under load reversal. *Engineering Structures*, 22(4), 311-322.
- [42] Terzioglu, T. (2011). *Experimental evaluation of the lateral load behavior of squat structural walls*. (MSc thesis, Boğaziçi University)
- [43] Tran, T. A., & Wallace, J. W. (2015). Cyclic Testing of Moderate-Aspect-Ratio Reinforced Concrete Structural Walls. *ACI Structural Journal*, 112(6).
- [44] Tripathi, M., Dhakal, R. P., & Dashti, F. (2019). Bar buckling in ductile RC walls with different boundary zone detailing: Experimental investigation. *Engineering Structures*, 198, 109544.
- [45] Yan, S., Zhang, L. F., & Zhang, Y. G. (2008). Seismic performances of high-strength concrete shear walls reinforced with high-strength rebars. In *Earth & Space 2008: Engineering, Science, Construction, and Operations in Challenging Environments* (pp. 1-8).
- [46] Yuan, W., Zhao, J., Sun, Y., & Zeng, L. (2018). Experimental study on seismic behavior of concrete walls reinforced by PC strands. *Engineering Structures*, 175, 577-590.
- [47] Zhang, Y., & Wang, Z. (2000). Seismic behavior of reinforced concrete shear walls subjected to high axial loading. *Structural Journal*, 97(5), 739-750.
- [48] Zhang, H. M., Lu, X. L., Duan, Y. F., & Zhu, Y. (2014). Experimental study on failure mechanism of RC walls with different boundary elements under vertical and lateral loads. *Advances in Structural Engineering*, 17(3), 361-379.
- [49] Zhang, H. (2008). Shear Wall R11 (2007). In State Key Laboratory of Disaster Reduction in Civil Engineering, *SLDRCE database on static tests of structural members and joint assemblies* (pp. 169-188). Shanghai, China: Tongji University.
- [50] Zhou, G. Shear Wall (R08) (2004). In State Key Laboratory of Disaster Reduction in Civil Engineering, *SLDRCE database on static tests of structural members and joint assemblies* (pp. 139-146). Shanghai, China: Tongji University.