

CHAPTER 6–REFERENCES

1. ACI 318-05: *Building Code Requirements for Structural Concrete*, ACI Committee 318, (2005).
2. ACI 440.2R-08: *Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures*, American Concrete Institute, Farmington Hills, MI, (2008).
3. ACI 440.1R-15: *Guide for the Design and Construction of Concrete Reinforced with FRP Bars*, American Concrete Institute, Farmington Hills, MI, (2003).
4. Aghayar, R and Moradi, M.J. “Improving Punching Shear Strength of RC Slabs by FRP and Steel Sheets”, *Journal of Rehabilitation in Civil Engineering (2016)*, 4-1.
5. ASTM D648: *Standard Test Method for Deflection Temperature of Plastics under Flexural Load in the Edgewise Position*, ASTM International, (2016).
6. BS 8110: Part 1: *Structural Use of Concrete – Code of Practice for Design and Construction*, British Standards Institution, (1985).
7. CAN/CSA S806-12: *Design and Construction of Building Components with Fibre-Reinforced Polymers*, Canadian Building Code, (2012).
8. CEB-FIB Model Code90: *Design Code*, Comite Euro-International du Beton, (1990).
9. Carlos Moreno, Debora Ferreira, AbdelkrimBennani, Ana Sarmiento and Michel Noverraz, “Punching Shear Strengthening of Flat Slabs: CFRP and Shear Reinforcement”, *fib Symposium (2015)*.
10. Erdogan H., Ozcebe G and Binici B, “A New CFRP Strengthening Technique to Enhance Punching Shear Strength of RC Slab-Column Connections”, *Asia-Pacific Conference on FRP in Structures (2007)*, 233-238.

11. Eurocode 2 – BS EN 1992-1-1: *Design of Concrete Structures*, Brussels, European Committee for Standardization (2004).
12. Faria, D. M. V., Einpaul J., Ramos A.P., Fernández Ruiz M., Muttoni A., “On the efficiency of flat slabs strengthening against punching using externally bonded fiber reinforced polymers”, *Construction and Building Materials*, Vol. 73, Netherlands, 2014, pp. 336-377.
13. HelderLuiz da Silva Rodrigues, Priscila Moreira da Silva and DenioRamamCarvalho deOliveira, “Flat slabs strengthened to punching with carbon fiber reinforced polymer (CFRP) dowels ”, *ActaScientiarum Technology Maringa*, v.37,n.4,p (2015), 323-330.
14. Jacobson, D.A., Bank, L.C., Oliva, M.G. and Russel, J.S. “Punching Shear Capacity of double Layer FRP Grid Reinforced Slabs”, *7th international Symposium on Fiber Reinforced (FRP) Polymer Reinforcement for Concrete Structures (2005)*, SP-230-49.
15. Kai Qian and Bing Li, “CFRP Laminates to Strengthen Reinforced Concrete Flat Slabs against Progressive Collapse”, *Hokkaido University Collection of Scholarly and Academic Papers*, (2013).
16. Khaleel, G.I., Shaaban, I.G., Elsayedand,K.M and Makhlof, M.H, “Strengthening of Reinforced Concrete Slab-Column Connection Subjected to Punching Shear with FRP Systems”, *IACSIT International Journal of Engineering and Technology*, Vol. 5, No 6(2013), 657-661.
17. KhalendSoudki, Ahmed K. El-Sayed and Tim Vanzwol, “Strengthening of Concrete Slab-Column Connections using CFRP Strips”, *Journal of King Saud University – Engineering Science*(2012), 24, 25-33.

18. Lakruwan, R.V.P.S, Silva M.A.L, Gamage J.C.P.H,“Behaviour of Reinforced Concrete Flat Slabs Retrofitted with Carbon Fiber Reinforced Polymer Sheets”, *6th International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development (2018)*, 318-325.
19. Mohammad, S.G. Surti and VaibhavDoshi,“Behaviour of Reinforced Concrete Beams Strengthened by CFRP Wraps”,*International Journal of Science Technology & Engineering, Volume 2, Issue 11 (2016)*, 315-319.
20. Nagi, R.P and Raj Kumar, V.“Strengthening of reinforced concrete beams using glass fiber reinforced polymer composites”, *International Journal of Innovative Research in Technology, Volume 4 Issue 1(2017)*, 39-45.
21. Osama A. Mahamed and RanikaKhattab,“Review of Punching Shear Behaviour of Flat Slabs Reinforced with FRP Bars”, *IOP Conference Series: Materials Science and Engineering, 245(2017)*..
22. Sarah L. Orton, James O. Jirsa and OguzhanBayark. “Design Considerations of Carbon Fiber Anchors”, *Journal of Composites for Construction (2008)*, 608-616.
23. Tandand, A.S.N. and Mane, K.“Linear Behavior of FRP Strengthened Reinforced Concrete Beam”, *International Journal of Latest Trends in Engineering and Technology, Vol. 4 (2014)*, 287-292.
24. Tomislav, K.I.S.I.C.E.K., Zorislav, S.O.R.I.C and Josip, G.A.L.I.C.“Stress and Strain Distribution in concrete Beams Reinforced with FRP Bars”, *FRPRCS-9, (2009)*.