

REFERENCES

- Amir Mirmiran and Mohsen Shahawy, "A new concrete-filled hollow FRP composite column", **Composites: Part B** 27B, 1996, pp. 263-268.
- Apostolos Fafitis and Surendra P. Shah, "Predictions of Ultimate Behavior of Confined Columns Subjected to Large Deformations", **ACI Journal**, Title no. 82-35, Jul-Aug 1985, pp. 423-433.
- Considerere, A., "Resistance a la Compression du Beton Arme et du Beton Frette," **Genie Civil**, 1903. Also, translation "Experimental Researches on Reinforced Concrete," Moisseiff, L. S., McGraw-Hill Book Company, 1906.
- Kent A. Harries and Gayatri Kharel, "Behavior and Modeling of Concrete Subject to Variable Confining Pressure", **ACI Material Journal**, Title no. 99-M17, Mar-Apr 2002, pp. 180-189.
- Lee, J., and G. L. Fenves, "Plastic-Damage Model for Cyclic Loading of Concrete Structures," **Journal of Engineering Mechanics**, vol. 124, no.8, pp. 892-900, 1998.
- Lubliner, J., J. Oliver, S. Oller, and E. Oñate, "A Plastic-Damage Model for Concrete," **International Journal of Solids and Structures**, vol. 25, pp. 299-329, 1989.
- Mohamad Mansour and Thomas T. C. Hsu, "Behavior of Reinforced Concrete Elements under Cyclic Shear, I:Experiments," **ASCE Journal of Structural Engineering**, Jan 2005.
- Omar Chaallal and Mohsen A. Shahawy, "Behavior of Reinforced Concrete Beam-Column Retrofitted with Composite Wrapping systems", **Preliminary Report**, Structural Research Center Florida Department Of Transportation, May 1999.

- Richart, F. E.; Brandtzaeg, A.; and Brown, R L., "A study of the Failure of Concrete under Combined Compressive Stresses," University of Illinois Engineering Experiment Station **Bulletin** No. 185, Urbana, Nov. 1928.
- S. A. Sheikh, and S. M. uzumeri, "Analytical model for concrete confinement in tied column", **Journal of Structural Engineer ASCE**, Vol. 108, No. ST 12, Dec. 1982, pp. 2703-2722.
- S. A. Sheikh, and S. S. Khoury, "A Performance-Based Approach for the Design of Confining Steel in Tied Columns", **ACI Structural Journal**, Vol. 94, Jul.-Aug. 1997, pp. 421 -431.
- S. H. Ahmad and S. P. Shan, "Stress-Strain Curves of Concrete Confined by Spiral Reinforcement," **ACI Structural Journal**, Title no. 79-46, Nov.-Dec. 1982.
- Salim R. Razvi and Murat Saatcioglu, "Circular High-Strength Concrete Columns under Concentric Compression", **ACI Structural Journal**, Title no. 96-S90, Sep-Oct 1999, pp. 817-826.
- Shamin A. Sheikh and Murat T. Toklucu, "Reinforced Concrete Columns Confined by Circular Spirals and Hoops," **ACI Structural Journal**, Title no. 90-S56, Sep.-Oct. 1993.
- Stephen Pessiki and Annette Pieroni, "Axial Load Behavior of Large-Scale Spirally-Reinforced High-Strength Concrete Columns", **ACI Structural Journal**, Title no. 94-S28, May-Jun 1997, pp. 304-314.
- Stephen Pessiki, Benjamin Graybeal, and Micheal Mudlock, "Proposed Design of High-Strength Spiral Reinforcement in Compression Members", **ACI Structural Journal**, Title no. 98-S76, Nov.-Dec. 2001, pp. 799-810.
- Weena P. Lokuge, J. G. Sanjayan, and Sujeeva Setunge, "Stress-Strain Model for Laterally Confined Concrete", **Journal of Materials in Civil Engineering ASCE**, Nov.-Dec. 2005, pp. 607-616.

Hisham Abdel-Fattah and Shuaib H. Ahmad, "Behavior of Hoop-Confined High-Strength Concrete under Axial and Shear Loads," **ACI Structural Journal**, Title no. 86-S63, Nov.-Dec. 1989.

Stephen Pessiki, Benjamin Graybeal, and Micheal Mudlock, "Proposed Design of High-Strength Spiral Reinforcement in Compression Members," **ACI Structural Journal**, Title no. 98-S76, Nov.-Dec. 2001.

Shamim A. Sheikh and Murat T. Toklucu, "Reinforced Concrete Columns Confined by Circular Spirals and Hoops," **ACI Structural Journal**, Title no. 90-S56, Sep.-Oct. 1993.

K. T. Chau, X. X. Wei, "Finite solid cylinders subjected to arbitrary surface load. Part I – Analytic solution," **International Journal of Solids and Structures**, 2000

Iswandi Imran and S. J. Pantazopoulou, "Plasticity Model for Concrete under Triaxial Compression," **ASCE Journal of Engineering mechanics**, March 2001.

L. Javier Malvar, Kenneth B. Morrill, and John E. Crawford, "Numerical Modeling of Concrete Confined by Fiber-Reinforced Composites," **ASCE Journal of Composites for Construction**, July-August 2004.

BIOGRAPHY

Navapol Krishnamra was born in December 17, 1981, in Bangkok Thailand. He earned his B.Eng. degree from the Department of Civil Engineering, Chulalongkorn University. He admitted into Ph.D. Candidate at the Department of Civil Engineering, Chulalongkorn University in 2004.

