

DAFTAR PUSTAKA

- Abdullah, Takiguchi K., Nishimura K., and Hori S. 2003. Behavior of Ferrocement Subjected to Missile Impact. Proceedings the 17th SMiRT Conference, Praha, Cheko.
- ACI 213R-87, Guide for Structural Lightweight Aggregate Concrete, Detroit, Michigan, 1999.
- Amran Y. H. M., Farzadnia N., Ali A. A. 2015. Properties and Applications of Foamed Concrete; A Review. *Constr. Build. Mater.* 101: 990–1005.
- Arya A. S., Boen, T., & Ishiyama, Y. 2014. Guidelines for Earthquake Resistant Non-Engineered Construction. Paris: UNESCO.
- ASTM (2003) Standard test methods for cyclic (reversed) load test for shear resistance of framed walls for buildings. ASTM E 2126-02a. American Society of Testing and Materials, West Conshohocken, PA.
- ASTM C 330 Specification for Lightweight Aggregates for Structural Concrete.
- Badan Standardisasi Nasional. 2002. Standar Nasional Indonesia (SNI) 03-3449-2002. Tata Cara Pembuatan Rencana Pembuatan Campuran Beton Ringan dengan Agregat Ringan. Jakarta: Dewan Standardisasi Nasional.
- Belanger, Kenneth. (1981). Dynamic Stiffness of Concrete Beams. *Journal Proceedings.* American Concrete Institute. American.

- Benavent-Climent. 2007. Seismic Behavior of RC Wide Beam-Column Connections Under Dynamic Loading. *Journal of Earthquake Engineering*, 11:4, 493 – 511.
- Boen T. 2003. Earthquake Resistant Design of Non-Engineered Buildings In Indonesia. Presented during EQTAP Workshop IV, Kamakura Dec 3-4, 2001.
- Boen, T. 2009. Constructing seismic resistant masonry houses (3rded) Nagoya: United Nation Centre for Regional Development (UNCRD).
- Bombatkar S., Bajad V., Murkut V., Khedekar D., dan Jadhao S. 2017. Review of Foam Concrete. *International Journal of Research in Advent Technology (IJRAT)* (E-ISSN: 2321-9637) Special Issue National Conference "CONFERENCE 2017" 09th April 2017.
- Caronge M. A., Tjaronge M. W., Hamada H., and Irmawaty R. 2017. Effect of Water Curing Duration on Strength Behaviour of Portland Composite Cement (PCC) Mortar. *IOP Conf. Ser.: Mater. Sci. Eng.* 271 012018.
- Caronge M. A., Tjaronge M. W., Irmawaty R., Bakri B., and Hamuddin S. 2020. Effects of Vibration Time on Compressive Strength and Corrosion Resistance of Steel Bars in Concrete. *IOP Conf. Ser.: Earth Environ. Sci.* 419 012031.
- Deja J., Uliasz-Bochenczyk A., Mokrzycki E. 2010. CO₂ Emmisions from Polish Cement Industry. *International Journal of Greenhouse Gas Control*, Volume 4, Issue 4, July 2010, Pages 583-588.

- Elmenschawi A., and Brown T. 2009. Behaviour of Flexural Plastic Hinges Under High Seismic Shear with Consideration of Concrete Strength. Canadian Journal of Civil Engineering Volume 36, Number 11, November 2009.
- Erniati, M. Tjaronge M. W., Zulharnah and Irfan U. R. 2015. Porosity, Pore Size and Compressive Strength of Self Compacting Concrete Using Sea Water. The 5th International Conference of Euro Asia Civil Engineering Forum (EACEF-5), Procedia Engineering 125: 832 – 837.
- European Convention for Constructional Steelwork (ECCS). 1986.
- Foure B. 1993. Un Programme D'essais Des Murs De Contreventement. In: Colloquium AFPS-SECED Experimental Methods in Earthquake Engineering and Structural Dynamics. Saint-Rémy-lès-Chevreuse: AFPS—Association Francaise du Genie Parasismique.
- Hidalgo P. A., Ledezma C., dan Jordan R. M. 2002. Seismic Behavior of Squat Reinforced Concrete Shear Walls. Earthquake Spectra, 18(2): 287–308.
- Irsyam, M., Asrurifak, M., Hendriyawan, Budiono, B., Triyoso, W., Firmanti, A, 2009, The Development of Spectral Hazard Maps for Proposed Revision of Indonesia Seismic Building Code, *Geomechanic and Geoengineering An international Journal* Vol. X, No. X, Month 200X, 000-000.

- Kobayashi, H. 2006. Pengukuran Emisi CO₂ di Sektor Permukiman Perkotaan-Pendekatan secara Makro. Makalah disajikan dalam diskusi teknik di Puslitbang Pusat Litbang Permukiman.
- Latief H., Puspito N., Imamura F. 2000. Tsunami Catalog and Zones in Indonesia. *Journal of Natural Disaster Science*, 22(1), pp. 25-43, <https://doi.org/10.2328/jnds.22.25>, Google Scholar Crossref.
- Legeron *et al.* 2000. Use OF High-Yield Strength Materials IN Seismic Zones: Astrategic Approach. 12th World Conference on Earthquake (12WCEE).
- Lesovik V., Voronov V., Glagolev E., Fediuk R., Alaskhanov A., Amran Y. H. M., Murali G., and Baranov A. 2020. Improving The Behaviors of Foam Concrete Through The Use of Composite Binder. *Journal of Building Engineering* 31: 101414.
- Mander J. B., Priestley M. J. N., and Park R. 1988. Observed Stress-Strain Behavior of Confined Concrete. *Journal of Structural Engineering*, Vol. 114, No. 8, August, 1988.
- Mansyur., Tjaronge M. W., Irmawaty R., dan Amiruddin A. A. 2021. Penentuan Kohesi Dan Sudut Geser Dalam Pada Beton Busa. Seminar Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-ISSN : 2715-5668.
- Marewangeng A., Tjaronge M. W., Djamaluddin A. R., and Aly S. H. 2020. Mechanical Characteristics of Self Compacting Concrete Using Laterite

- Stone as Coarse Aggregate. International Journal of GEOMATE, July, Vol.19, Issue 71, pp. 250 – 255.
- Mydin M. A. O., dan Wang Y. C. 2011. Structural Performance of Lightweight Steel-Foamed Concrete-Steel Composite Walling System Under Compression. Thin-walled Struct. 49 (1): 66-76.
- Namsonea E., Šahmenkoa G., dan Korjakinsa A. 2017. Durability Properties of High Performance Foamed Concrete. Procedia Engineering 172: 760 – 767.
- Neville A. M., dan Brooks J. J. 2010. Concrete Technology.
- Park H., and Eom T. 2004. Energy Dissipation Capacity of Flexure Dominated Reinforced Concrete Members. 13th World Conference on Earthquake Engineering Vancouver, B.C., Canada August 1-6, 2004, Paper No. 3481.
- Park R. 1988. State of The Art Report Ductility Evaluation From Laboratory and Analytical Testing. Proceedings of Ninth World Conference on Earthquake Engineering August 2-9, 1988, Tokyo-Kyoto, JAPAN (Vol. VIII).
- Park R., dan Paulay T. 1975. Reinforced Concrete Structures. Jhon Wiley, New York.
- Paulay T. 1996. Seismic Design for Torsional Response of Ductile Buildings. Bulletin OF The New Zealand National Society For Earthquake Engineering, Vol. 29, No. 3, September 1996.

- Paulay T., and Priestley, M. J. N. 1992. Seismic Design of Reinforced Concrete and Masonry Buildings. John Wiley & Sons, Inc. Christchurch and San Diego.
- Paulay T., Priestley M. J. N., dan Singe A. J. 1982. Ductility in Earthquake Resisting Squat Shear Walls. *ACI Journal*, 79(4): 257–269.
- Porto D. F., Valluzzi MR, Modena C. 2009. Estimation of Load Reduction Factors for Clay Masonry Walls. *Earthquake Engng Struct. Dyn.*2009;38:1155–1174.
- Prawito E. 2010. Analisa perbandingan Berat Jenis dan Kuat Tekan Beton Antara Beton Ringan dan Beton Normal dengan Mutu Beton K-200. Universitas Sumatera Utara, Medan.
- Ramamurthy K., Nambiar E. K., dan Ranjani G. I. S. 2009. A Classification of Studies on Properties of Foam Concrete. *Cem. Concr. Compos.* 31(6): 388-396.
- Richard T. G., Dobogai J., Gerhardt T. D., dan Young W. C. 1975. Cellular Concrete- A Potential Load-Bearing Insulation For Cryogenic Applications. *IEEE Trans Magn*, 11(2): 500-503.
- Rothe D. 1992. Untersuchungen Zum Nichtlinearen Verhalten Von Stahl Beton Wandscheiben Unter Erdbeben Bean Spruchung. Reihe 4 Nr. 117 VDI-Fortschrittsberichte. Düsseldorf: VDI-Verlag.

- Salonikios T., Kappos A., Tegos A., dan Penelis G. 1999. Cyclic Load Behavior of Low Slenderness Reinforced Concrete Walls: Design Basis and Test Results. *ACI Structural Journal*, 96(4): 649–660.
- Salu Y. L., Parung H., Tjaronge M. W., dan Irmawaty R. 2021. Karakteristik Beton Busa Yang Mengalami Beban Tarik. Seminar Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-ISSN : 2715-5668.
- Standard National of Indonesia. Portland Composite Cement. SNI 7064:2014.
- Sunarno Y., Tjaronge M. W. and Irmawaty R. 2020. Preliminary study on early compressive strength of foam concrete using Ordinary Portland Cement (OPC) and Portland Composite Cement (PCC). *IOP Conf. Ser.: Earth Environ. Sci.* 419.
- Tjaronge M. W., Irmawaty R., Adisasmita S.A., Amiruddin A., and Hartini. 2014. Compressive Strength and Hydration Process of Self Compacting Concrete (SCC) Mixed with Sea Water, Marine Sand and Portland Composite Cement. *Advanced Materials Research* 935, pp. 242–246.
- Tsonos, A.G. 2008. Effectiveness of CRFP-jackets and RC-jackets in Post-earthquake and Pre-earthquake Retrofitting of Beam-Column Subassemblages. *Engineering Structures*, 30, pp 777 – 793.
- Tumpu M., Parung H., Tjaronge M. W., dan Amiruddin A. A. 2021. Karakteristik Beton Busa Yang Mengalami Beban Tekan. Seminar

Nasional Teknik Sipil Politeknik Negeri Jakarta Prosiding Online 2020, e-
ISSN : 2715-5668.

Zhu. 1989. Inelastic Response of Reinforced Concrete Frames to Seismic
Ground Motions Having Different Characteristics. A Thesis Submitted to
The School of Graduate Studies in Partial Fulfillment of The
Requirements for The Degree Doctor of Philosophy.