

Long Term Contribution to Research and Education on Anti-seismic Building Structures

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This award was presented in recognition of his persistent contribution to research and education concerning anti-seismic building structures and natural disaster science for more than 30 years as a structural engineering educator at Tohoku University. His book, “Dynamic Analysis of Earthquake-Resistant Structures” (in Japanese), published in 1981 from Morikita Shuppan Co., has been widely used in Japan as an appropriate textbook for students and engineers in the fields of structural dynamics and earthquake engineering. The book covers diverse fundamental items of dynamic analysis and earthquake resistant design of building structures. It also incorporates the author’s own research on equivalent linear analysis of the earthquake response of inelastic structures, which provided the basis for the new earthquake-resistance calculation method in the Japanese Building Standards Law enforced from 2000.