

TABLE OF CONTENTS

Seismic Detailing of Reinforced Concrete Beam-Column Connections	1
<i>Jang-Hoon Kim</i>	
Test of a Joint Reinforcing Detail Improving Joint Capacity of R/C Interior Beam-Column Joints	10
<i>Safaa Zaid, Hitoshi Shiohara and Shunsuke Otani</i>	
Correlation of Experimental and Analytical Seismic Responses of a 1:5 Scale 3-Story Reinforced Concrete Frame	21
<i>Han-Seon Lee, sung-Woo Woo, and Yun-Sup Heo</i>	
Research Activities on High Strength Concrete and Its Application in Japan	47
<i>Fumio Watanabe</i>	
Efficient Analytical Models for a Multistory Structure with Flexible Wings	66
<i>Dong-Guen Lee and Seung-Kwon Moon</i>	
Seismic Behavior of WF Beam-to-Rectangular Tube Column Joints	81
<i>Jong-Won Park</i>	
Tests of Welded Beam-Column Subassemblies; I: Global Behavior	102
<i>Masayoshi Nakashima, Keiichiro Suita, Kiyotaka Morisako, and Yoshiomi Maruoka</i>	
Tests of Welded Beam-Column Subassemblies; II: Detailed Behavior	111
<i>Keiichiro Suita, Masayoshi Nakashima, and Kiyotaka Morisako</i>	
Analytical Re-examination of Shear Force Transfer in Welded Steel Moment Connection ...	119
<i>Cheol-Ho Lee and Tae-Ho Yoon</i>	
Influence of Relative Member Strength of Column, Beam and Joint Panel Zone on Seismic Response of Steel Rigid Frames	129
<i>Takashi Hasegawa</i>	
Inelastic Behavior of a Symmetric RC Building Subjected to Two Components of Earthquake Motions	136
<i>Myung-Chae Cheong</i>	
Simplified Analysis of Unreinforced Masonry Structure by Quasi-Dynamic Analysis Method	147
<i>Hee-Cheul Kim and Kwan-Jung Kim</i>	
Estimation of Ductility in the Interior Beam-and-Column Subassemblages of Reinforced Concrete Frames	161
<i>Masaru Teraoka, Yoshikazu Kanoh, Satoshi Sasaki, and Kazuya Hayashi</i>	
Hysteretic Model for Reinforced Concrete Flexural Members	171
<i>Sang-Woo Jeon and Sung-Gul Hong</i>	
Response Prediction of Prestressed Concrete Buildings against Earthquake Excitations by Capacity Spectrum Method	185
<i>Minehiro Nishiyama</i>	

Effect of Hysteretic Models on the Inelastic Response Spectra	195
<i>Sang-Whan Han, Young-Hun Oh, and Li-Hyung Lee</i>	
Effect of Soft-soil Layer on the Vertical Response of a Structure Excited with the Vertical Component of Earthquakes	205
<i>Yong-Seok Kim</i>	
Optimum Strength Ratio of Hysteretic Damper	214
<i>Kazuo Inoue and Susumu Kuwahara</i>	
Experimental Study on the Active Control of a Three-Story Building Using H₂ Method ...	226
<i>Kyung-Won Min , Sung-Kyung Lee, Soek-Jun Joo and Sung-Mok Hong</i>	
Temperature and strain Rate Effects on the Seismic Performance of Elastomeric and Lead-Rubber Bearings	234
<i>Dae-Kon Kim, J.B. Mander, and S. S. Chen</i>	
Ductility Demand for Beams in Moment Resistant Steel Frames sustaining Beam-hinging Mechanism	247
<i>Hisaya Kamura, Kazuo Inoue, Koji Ogawa, Masayoshi Nakashima, and Shinichi Sawazumi</i>	
Analysis of a Building Structure with Added Viscoelastic Dampers	255
<i>Jinkoo Kim and Chang-Yong Lee</i>	