

[Available Issues](#) | [Japanese](#)>> [Publisher Site](#)Author: Keyword:

Search

[ADVANCED](#)[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

PRINT ISSN : 0289-8063

STRUCTURAL ENGINEERING / EARTHQUAKE ENGINEERING

Vol. 19 (2002) , No. 2 pp.179s-197s

[\[Image PDF \(3162K\)\]](#) [\[References\]](#)**DAMAGE OF BRIDGES RESULTING FROM FAULT RUPTURE IN THE 1999 KOCAELI AND DUZCE, TURKEY EARTHQUAKES AND THE 1999 CHI-CHI, TAIWAN EARTHQUAKE**Kazuhiko KAWASHIMA¹⁾

1) Department of Civil Engineering, Tokyo Institute of Technology

(Received: August 20, 2001)

This paper describes the damage of bridges resulting from the fault movements in the 1999 Kocaeli and Duzce, Turkey, Earthquakes and the 1999 Chi-Chi, Taiwan, Earthquake. Effect of the fault displacement on the seismic performance of bridges is presented with an emphasis on the mechanism of failure.

Key Words: seismic damage, bridge, fault rupture, Turkey, Kocaeli Earthquake, Duzce Earthquake, Taiwan, Chi-Chi Earthquake

[\[Image PDF \(3162K\)\]](#) [\[References\]](#)Download Meta of Article [\[Help\]](#)[RIS](#)[BibTeX](#)

To cite this article:

Kazuhiko KAWASHIMA; "DAMAGE OF BRIDGES RESULTING FROM FAULT RUPTURE IN THE 1999 KOCAELI AND DUZCE, TURKEY EARTHQUAKES AND THE 1999 CHI-CHI, TAIWAN EARTHQUAKE", *Structural Eng./Earthquake Eng.*, Vol. 19, No. 2, pp.179s-197s, (2002) .

doi:10.2208/jscesee.19.179s

JOI JST.JSTAGE/jscesee/19.179s



[Japan Science and Technology Information Aggregator, Electronic](#)

