## About the seismic performance score of the wooden houses

The seismic performance scores by the precise seismic diagnosis listed in Tables 2~4 of the experiment outline (20051121.pdf) are modified after the experiment. The modified seismic performance scores are as follows;

Table2 The result of seismic diagnosis of Model A

	Floor	Required strength Qr(kN)	Retained strength (before modification) (kN)	Stiffness ratio reduction Fs	Eccentricity reduction Feq	Floor spec. reduction Fef	Retained strength Qd(kN)	Suffic iency ratio Qd/Qr
Х	2	20.96	25.83	1.00	1.00	1.00	25.83	1.23
	1	43.44	51.00	1.00	1.00	1.00	51.00	1.17
Υ	2	20.96	19.57	1.00	0.91	1.00	17.80	0.85
	1	43.44	21.89	1.00	1.00	1.00	21.89	0.50

Table 3 The result of seismic diagnosis of Model B (Before the seismic reinforcement)

	Floor	Required strength Qr(kN)	Retained strength (before modification) (kN)	Stiffness ratio reduction Fs	Eccentricity reduction Feq	Floor spec. reduction Fef	Retained strength Qd(kN)	Suffic iency ratio Qd/Qr
Х	2	20.96	26.32	1.00	1.00	1.00	26.32	1.26
	1	43.44	55.13	1.00	1.00	1.00	55.13	1.27
Υ	2	20.96	19.35	1.00	0.91	1.00	17.60	0.84
	1	43.44	20.84	1.00	1.00	1.00	20.84	0.48

Table 4 The result of seismic diagnosis of Model B (After the seismic reinforcement)

	Floor	Required strength Qr(kN)	Retained strength (before modification) (kN)	Stiffness ratio reduction Fs	Eccentricity reduction Feq	Floor spec. reduction Fef	Retained strength Qd(kN)	Suffic iency ratio Qd/Qr
Х	2	20.96	40.72	1.00	1.00	1.00	40.72	1.94
	1	43.44	85.45	1.00	1.00	1.00	85.45	1.97
Υ	2	20.96	42.14	1.00	1.00	1.00	42.14	2.01
	1	43.44	79.83	1.00	1.00	1.00	79.83	1.84

As the detailed report, refer to the following references.

 Shimizu, H. et al, 2008, "Shaking Table Test on full Scale Wooden Houses, Special project for Earthquake Disaster Mitigation in Urban Areas in 2005 – Improvement of Seismic Performance of Structures by E-Defense", Technical Note of the National Research Institute for Earth Science and Disaster Prevention, No.320.

(PDF is available from the following URL;

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