

rigger uses a novel self-centering viscoelastic diagonal brace (SC-VEDB) to replace the traditional steel diagonal member, so that the outrigger has enhanced energy dissipation and self ...

The lateral deflections of all CLR points and the quarter-point vertical deflections of the loaded truss bottom chord were recorded as well. The load and displacement measurements for the ...

Fig's 1 and 2 illustrate typical welded Gusset-Plates. Fig. 1 - shows the Gusset Plate shop-welded to the web of the supporting beam, this is the most common connection type where ...

Analytical Investigation for Improved Connection Models of Diagonal Braced Frames A.-Yeon Jung¹ · Tae-Soo Kim² · Jung-Han Yoo² Received: 23 June 2021 / Accepted: 18 February ...

The damage of the specimen was mainly concentrated on the diagonal braces, which can be verified by the strain analysis results, as shown in Fig. 13 (a-b). Simultaneously, ...

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