Bulletin of the New Zealand Society for Earthquake Engineering, Vol. 48, No. 4, December 2015

CORRECTIONS TO "FLOOR DIAPHRAGMS AND A TRUSS METHOD FOR THEIR ANALYSIS" BULLETIN OF THE NZSEE, VOL. 48, NO. 1

J Scarry[1] and RP Dhakal[2]

The Editor,
Bulletin of the NZSEE

Dear Sir,

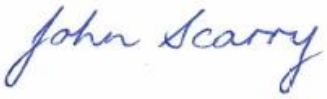
Warning regarding proposed use of response spectrum analyses to derive inertial loads on floors in 'Floor Diaphragms and a Truss Method for Their Analysis' Bulletin of the NZSEE, Vol. 48, No. 1

In 'Floor Diaphragms and a Truss Method for Their Analysis,' Bulletin of the NZSEE, Volume 48, No.1 March 2015, the section headed Types of Ultimate Limit State Load Diaphragms Must Resist, Inertial Loads, Magnitude contains two paragraphs relating to the use of response spectrum analyses in determining the inertial loads on floor diaphragms up a building.

The approach described is **wrong**, and will always lead to **seriously unconservative** estimates of the inertial loads at all individual floor levels. Please delete these paragraphs, along with item (e) in the same section, from any copy of the paper you have.

I apologize for this mistake and any trouble it may have caused, and wish to express my heartfelt thanks to Barry Davidson, Tony Stuart and Derek Bradley for pointing this out.

Yours faithfully,



John Scarry
John Scarry Engineering
24 Westwell Road, Belmont
Auckland 0622
Phone (09) 445-9993
Mob. (021) 1874-327
jmscarry@xtra.co.nz

Dear Author,

Thank you very much for informing us about the shortcoming of your paper. It is regrettable that this flaw was not identified by the author as well as the reviewers when the paper was prepared and reviewed.

Given that the paper has already been published in hardcopy and distributed to all Bulletin subscribers, it is obviously too late to edit the paper. Nevertheless, I will make the requested changes to the softcopy of the paper, which is archived in the NZSEE website.

Yours sincerely,

Professor Rajesh Dhakal, PhD, CPENG, FIPENZ
Editor-in-Chief, Bulletin of the NZSEE

Dear Subscribers,

In the communication appended above from the author of the paper titled 'Floor Diaphragms and a Truss Method for Their Analysis' published in the Bulletin of the NZSEE, Volume 48, No. 1 March 2015, the author has admitted that the paper recommends a method to estimate the floor acceleration and forces which leads to seriously unconservative outcomes. The author has hence requested to delete a section from the published paper.

While I will correct the softcopy of the paper which will be archived in the Society for future retrieval; I hereby request all of you to cross the aforementioned portions of the paper from the March 2015 issue of the Bulletin distributed to you. The portions to be deleted include bullet point (e) in the left column of page 46 and the third and fourth paragraphs in the right column of the same page.

I apologize for any inconvenience caused and thank you for your understanding.

Yours sincerely,

Professor Rajesh Dhakal, PhD, CPENG, FIPENZ
Editor-in-Chief, Bulletin of the NZSEE

[1] *Author, John Scarry Engineering, Auckland, jmscarry@xtra.co.nz (Member)*
[2] *Editor, Bulletin of the NZSEE,editor@nzsee.org.nz (Member)*