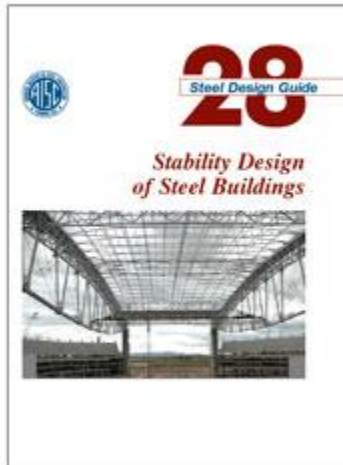


## New Guide for Stability Design of Steel Buildings Available from AISC



The new AISC Steel Design Guide No. 28, *Stability Design of Steel Buildings*, gives design professionals a valuable resource on practical applications for stability design for steel buildings. Authored by Lawrence Griffis, P.E., senior principal and president of the Structures Division at Walter P Moore, Austin, Texas, and Donald White, professor at the Georgia Institute of Technology School of Civil and Environmental Engineering, this most recent addition to the AISC Design Guide series provides innovative methods for stability design, including the introduction of the direct analysis method, aligned with the design provisions in the 2005 AISC *Specification for Structural Steel Buildings*.

"There's been a great need for this Design Guide," said AISC Specification Committee Chair Shankar Nair, Ph.D., S.E., principal and senior vice president at Teng & Associates, Inc., Chicago. "The introduction of the direct analysis method of

design for stability in the 2005 AISC *Specification* was a big step forward, on the way toward greater transparency in the rules governing the design of steel structures. But many practicing engineers found the change confusing. Larry Griffis and Don White participated in the development of the new method and are ideally placed to explain it, along with all other aspects of design for stability."

With the 2005 AISC *Specification*, the state-of-the-art in structural steel design was advanced to include three methods for stability design:

1. the direct analysis method
2. the effective length method
3. the first-order analysis method.

The primary purpose of this Design Guide is to discuss the application of each of the three methods and introduce the direct analysis method to practicing engineers.

Design Guide No. 28 is available as a free PDF download to AISC members. Non-members can purchase the online guide for \$60 at [www.aisc.org/dg](http://www.aisc.org/dg). The printed copy is also available for purchase at this [link](#) or by calling 800.644.2400 (product code: AISC 828-13); the cost for the printed copy is \$40 for members and \$80 for non-members.