The following list represents corrections to the First Printing of the AISC Steel Construction Manual, 5th Edition. These corrections are incorporated in the Second Printing dated June 2018.

Rcig*u+"   "   **Kvgo"**

3-208   Table   á ð igure with the following: Also replace accompanying f

8-10   Add r_i to symbols list, as follows:

r_i = distance from instantaneous center of rotation to the ith weld element, in.

8-11   Add $'_{mi}$ to symbols list, as follows:

$'_{mi} = 0.209(\top + 2)^{0.32}w$
= deformation of the ith weld element at maximum stress (rupture), in.

8-12   Replace the 1st paragraph with the following:
The individual resistance of each weld segment is assumed to act on a line perpendicular to a ray passing through the IC and centroid of that weld segment, as illustrated in Figure 8-4(b). If the correct location of the instantaneous center has been selected, the three equations of in-plane static equilibrium, $\sum F_x = 0$, $\sum F_y = 0$, and $\sum M = 0$, will be satisfied.

The nominal strength, R_{nx} and R_{ny}, and the nominal flexural strength, M_n, can be determined as follows:

$$R_{nx} = \sum F_{nwix} A_{wei}$$
$$R_{ny} = \sum F_{nwiy} A_{wei}$$

x_i