Suspension chains, or diagonals acting by tension, as to braces acting by thrust,—the only difference being, that in case of tension diagonals, the weight is applied at the lower end, and the tendency is, to draw the points of connection toward one another horizontally, instead of thrusting them apart.

2. [on Page 8.] The words—for a given weight sustained, should be inserted before the beginning of the 16th line from bottom of page.

3. [on first half of P. 10, & last half of P. 14.]
A weight at any point in the length of a beam or bridge truss supported at the ends, has a bearing at the supporting points, inversely as the respective horizontal distances of those points from the weight.

See Mechanics, Article,—The Lever.

4. Page 11, At the beginning of line 21, for b, read l.

5. Page 12, Second line, before ao, insert—that in the direction of, and the same words before ob, near the end of the same line.

Also, same page, latter part of fifth line from bottom, for—tension of de, read tension of de.

6. Page 15, line 19, for (1 - 3) read (1 + 3).

7. Page 16, line 4, for mb, equal to 6.28 w.