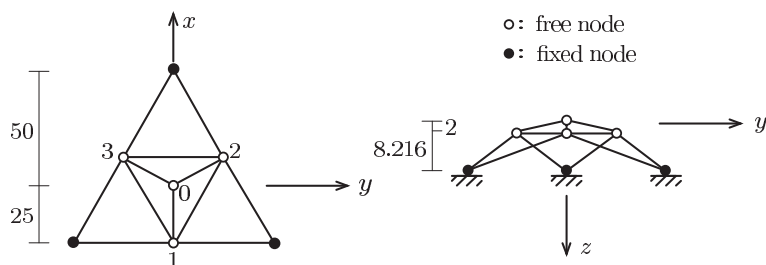


ERRATA (as of May 25, 2018)

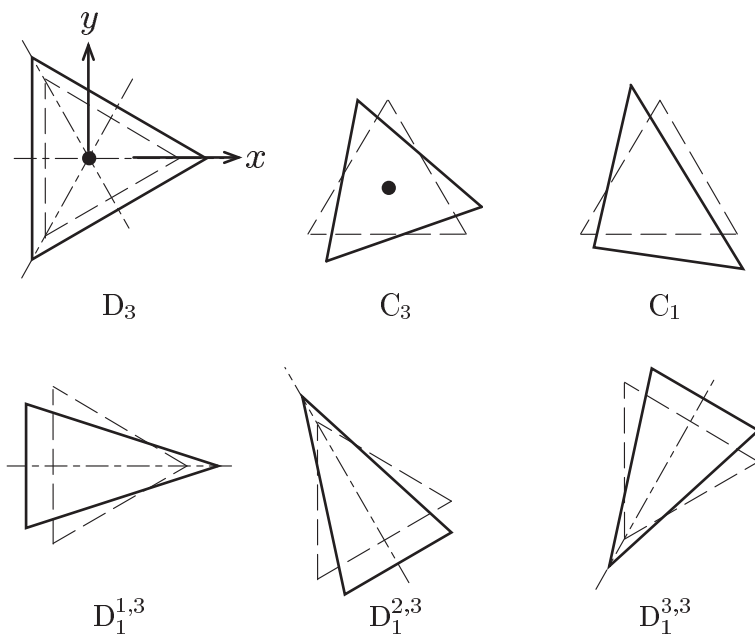
Imperfect Bifurcation in Structures and Materials —Engineering
Use of Group-Theoretic Bifurcation Theory, Second Edition,
Springer, 2010
by Kiyohiro Ikeda and Kazuo Murota

The following corrections should be made on the original book:

- Page 20, Fig. 1.13: Should look



- Page 21, Fig. 1.14: Should look

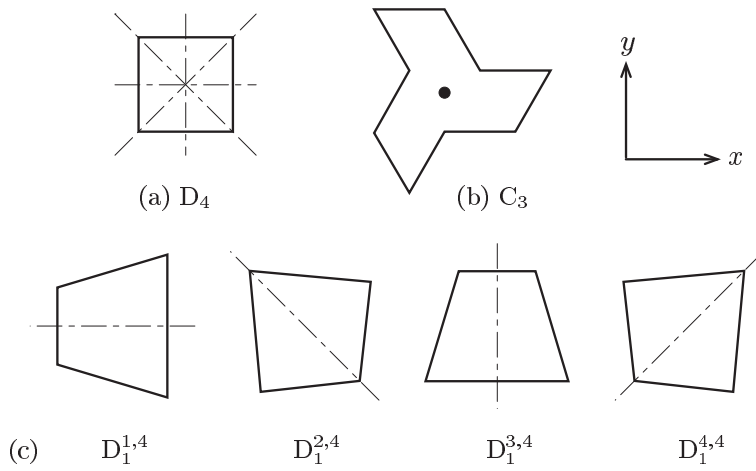


- Page 161, The last line of the paragraph containing (7.21): Should read, For each $g \in G$, $T^\mu(g)$ is an $N^\mu \times N^\mu$ unitary matrix.

- Page 161, Footnote 6: Should read, The identity (7.20) implies that $|R_C(G)| \leq |G|$.

- Page 164, The last line of the paragraph containing (7.34): Should read, In contrast, this is not the case with the cyclic group C_n for $n \geq 3$: $R_a(C_n) \neq R(C_n)$ over \mathbb{R} .

- Page 201, Fig. 8.1: Should look



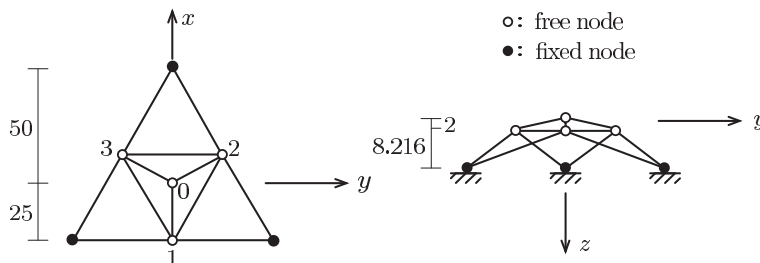
- Page 208, (8.29): Should read,

$$\Sigma(\xi(\alpha_i)) = \Sigma(\xi(\alpha_{i+\widehat{n}})) = \Sigma(\eta(\alpha_i)) = \Sigma(\eta(\alpha_{i+\widehat{n}})) = D_{\widehat{n}/i}^{i^*,n}, \quad i = 1, \dots, \widehat{n}, \quad (8.29)$$

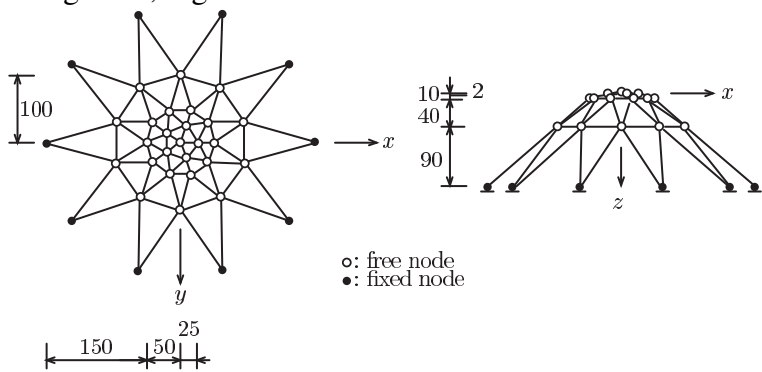
where the integer i^* ($1 \leq i^* \leq \widehat{n}$) is determined from i by $(i^* - 1)\widehat{j} \equiv i - 1 \pmod{\widehat{n}}$, and

- Page 208, $D_{\widehat{n}/i}^{i,n}$ in two places below (8.29): Should read, $D_{\widehat{n}/i}^{i^*,n}$.

- Page 211, Fig. 8.4(a): Should look



• Page 305, Fig. 11.14: Should look



• Page 506, [134] in the reference list: Should read, Marsden, J.E. and Ratiu, T.S. instead of Ratiu, S.R.