

Corrections to An invitation to Alexandrov geometry: CAT(0) spaces

SpringerBriefs in Mathematics, 2019

August 24, 2025

page 14, line (–16): Change “Assume that \mathcal{X}_n is...” to “Assume that (X, ρ) is proper, \mathcal{X}_n is...”

page 34–35: the patchwork along a curve (3.2.2) has to be formulated for local geodesics only; minor changes in the proof are required.

page 44, line (–4). The following
“By the globalization theorem (3.3.1), any proper length CAT(0) space is contractible. Therefore all proper...”
has to be changed to
“By 2.2.6, any proper length CAT(0) space is contractible. Therefore, by the globalization theorem (3.3.1), all proper...”

page 53, line 15: Change “ $\hat{\varphi}^{-1}(W)$ ” to “ $\hat{\phi}^{-1}(W)$ ”.

page 63, lines 8–9 (Exercise 4.8.1): Change “closed set bounded by a Lipschitz hypersurface” to “closed subgraph of a Lipschitz function $f: \mathbb{R}^{m-1} \rightarrow \mathbb{R}$ ”.

Bibliography: The numbers in some citations are shifted by 1; at least one citation is missing.