

University of Groningen

Analysis and Exploration of Large 3D Shape Databases

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DOI:
[10.33612/diss.172474105](https://doi.org/10.33612/diss.172474105)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2021

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):
Chen, X. (2021). *Analysis and Exploration of Large 3D Shape Databases*. University of Groningen.
<https://doi.org/10.33612/diss.172474105>

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PROPOSITIONS

ANALYSIS AND EXPLORATION OF LARGE 3D SHAPE DATABASES

XINGYU CHEN

1. Using a familiar method to describe a complex system is very helpful. – Chapters 3 and 4
2. More does not always mean better; organization is the key. – Chapter 3
3. “When the user is directing, and the computer guiding, the experience feels simpler.” [Simple and Usable: Web, Mobile, and Interaction Design, Giles Colborne, 2010] – Chapter 3
4. When engineering fails you, use machine learning. – Chapter 4
5. Shape-skeletons can be used for the segmentation, representation, and processing of 3D shapes. – Chapters 5 and 6
6. Seeing the other side is not always difficult. – Chapter 5
7. When one thing failed to tell you about itself, try to ask its family. – Chapter 6