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Analysis and Exploration of Large 3D Shape Databases

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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