

Propositions accompanying the thesis
Geographical point cloud modelling with the 3D medial axis
transform

by
Ravi Peters

1. The 3D medial axis transform offers a unique and valuable perspective in geometrical point cloud modelling.
This proposition pertains to this dissertation.
2. Without 3D modelling techniques the full potential of a geographical point cloud cannot be realised.
This proposition pertains to this dissertation.
3. Looking at 3D data on a 2D screen is confusing.
This proposition pertains to this dissertation.
4. How much information one can derive from a point cloud, or any other type of (remotely sensed) data, depends on how many assumptions one is willing to make.
5. Our political leaders are insufficiently aware of the societal opportunities and risks posed by information technology.
6. Making scientific knowledge, data, and software open and easily accessible accelerates progress and innovation.
7. Technology by itself is not inherently good or bad, rather, it is about how we choose to use it.
8. All researchers are optimists.
9. In hindsight, everything is straightforward.

These propositions are regarded as opposable and defensible, and have been approved as such by the promotor Prof. dr. J.E. Stoter and the copromotor Dr. H. Ledoux.