

Detekcia jednoduchých 3D objektov v RGB-D zázname

Prezentácia zdrojov

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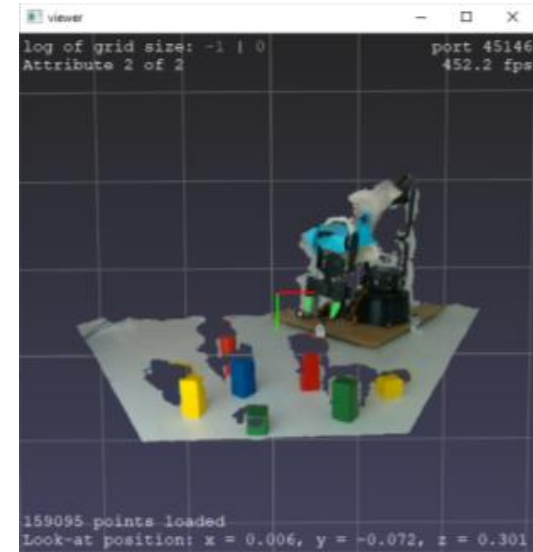


Rgbd obraz

- ▶ <https://rgbd-dataset.cs.washington.edu/software.html>

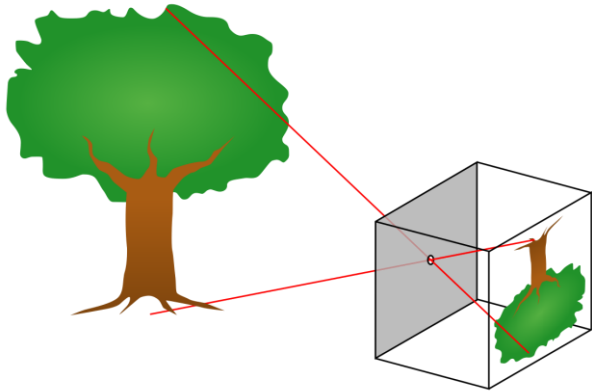
Point cloud

- ▶ Název: 3D is here: Point Cloud Library (PCL)
- ▶ Autor: Radu Bogdan Rusu, Steve Cousins
- ▶ Rok: 2011
- ▶ <https://ieeexplore.ieee.org/abstract/document/5980567>



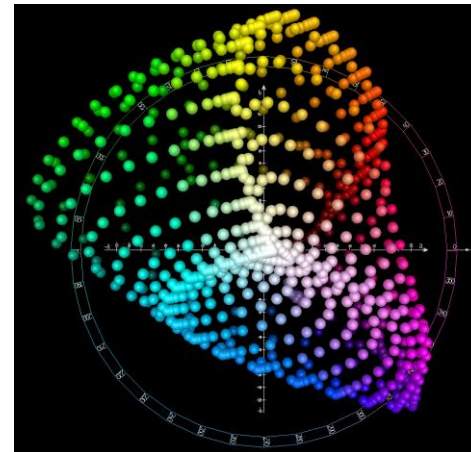
Pinhole camera model

- ▶ <https://www.sciencedirect.com/topics/engineering/pinhole-camera-model>

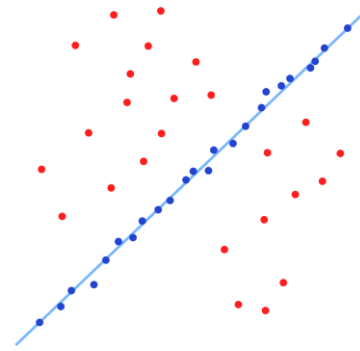


CIELAB color space

- ▶ https://en.wikipedia.org/wiki/CIELAB_color_space
- ▶ https://scc.ustc.edu.cn/zlsc/sugon/intel/ipp/ipp_manual/IPPI/ippi_ch6/ch6_color_models.htm
- ▶ <https://web.archive.org/web/20120404024930/http://www.equasys.de/colorformat.html>



RANSAC algoritmus



- ▶ <https://perso.telecom-paristech.fr/boubek/papers/GeoPrimFitSurvey/comparison-webapp/index.html>
- ▶ <https://perso.telecom-paristech.fr/boubek/papers/GeoPrimFitSurvey/GeoPrimFitSurvey.pdf>
- ▶ <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1467-8659.2007.01016.x>

Dokumentácie

- ▶ Názov: OpenCV
 - ▶ Autor: OpenCV Team
 - ▶ Rok: 2020
 - ▶ https://docs.opencv.org/3.4/d9/d0c/group__calib3d.html
-
- ▶ Názov: NumPy
 - ▶ Autor: Community project
 - ▶ Rok: 2020
 - ▶ <https://numpy.org/doc/>

bag subory

- ▶ Súbory s píponou bag
- ▶ http://cogsci.fmph.uniba.sk/~kocur/gesture_bags/