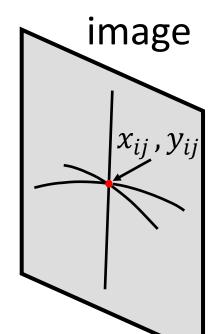


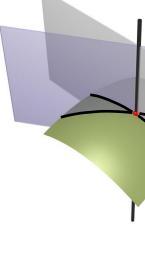
Shape from planar curves: a linear escape from Flatland Ady Ecker, Kiriakos N. Kutulakos and Allan D. Jepson

containing planar curves. Previous work [1,2,3] did not explicitly

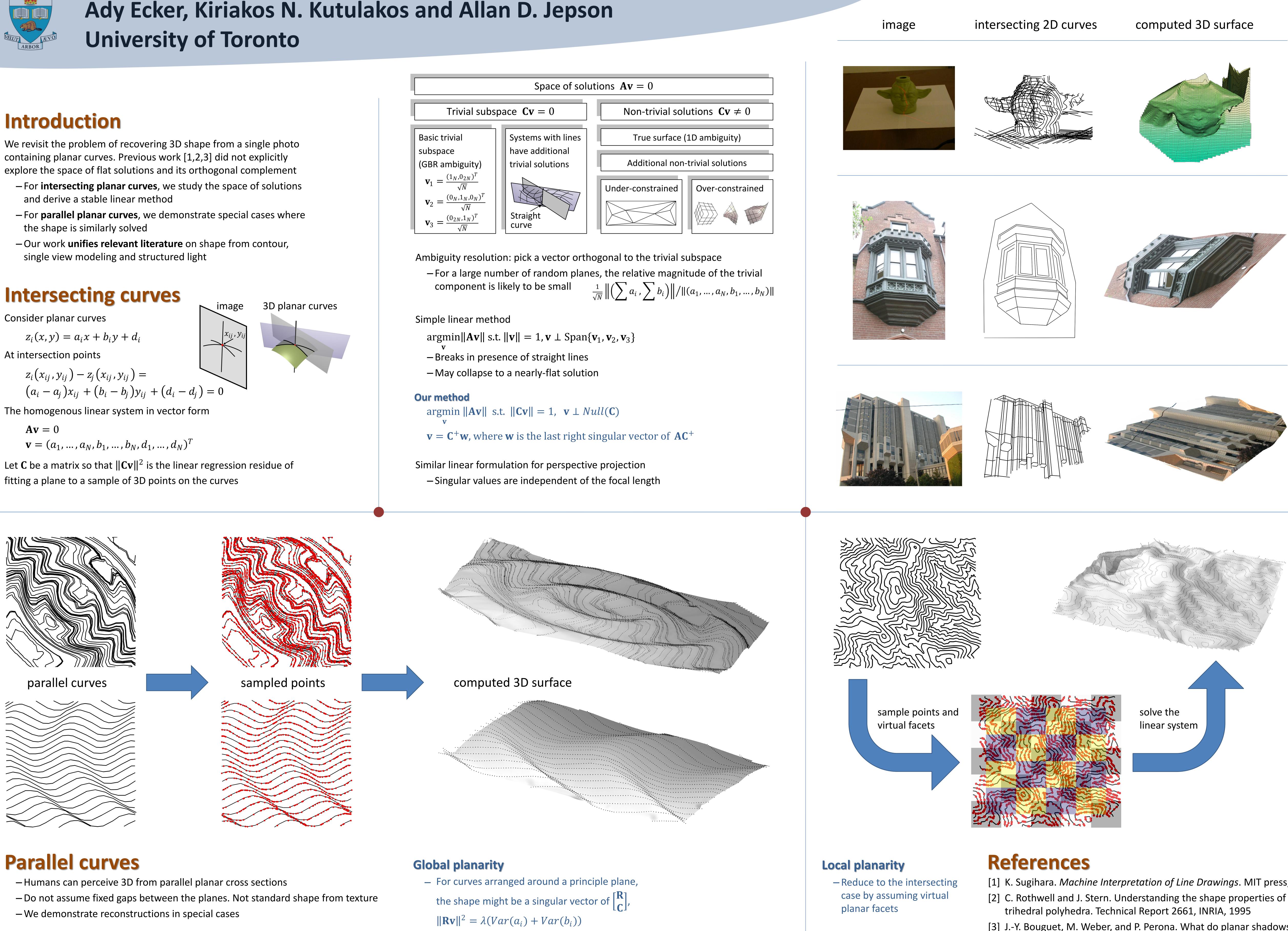
- and derive a stable linear method
- the shape is similarly solved
- single view modeling and structured light

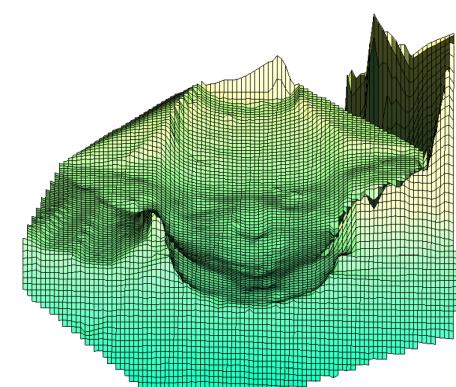
$$x_i(x_{ij}, y_{ij}) - z_j(x_{ij}, y_{ij}) = (a_i - a_i) x_{ij} + (b_i - b_j) y_{ij} + (d_i - d_j)$$





fitting a plane to a sample of 3D points on the curves





- [1] K. Sugihara. *Machine Interpretation of Line Drawings*. MIT press, 1986
- [3] J.-Y. Bouguet, M. Weber, and P. Perona. What do planar shadows tell us about scene geometry? In *Proc. CVPR'99, pages 514–520, 1999*