Linear-Time Transport with Rectified Flows Supplementary Materials: Additional results

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Additional image stippling results (Figure 1) and shape interpolation in 3d (Figure 2).

References

Keenan Crane, Ulrich Pinkall, and Peter Schröder. 2013. Robust fairing via conformal curvature flow. *ACM Transactions on Graphics (TOG)* 32, 4 (2013), 1–10.
Johannes Kopf, Daniel Cohen-Or, Oliver Deussen, and Dani Lischinski. 2006. Recursive Wang tiles for real-time blue noise. In *ACM SIGGRAPH 2006 Papers*. 509–518.
Victor Ostromoukhov, Charles Donohue, and Pierre-Marc Jodoin. 2004. Fast hierarchical importance sampling with blue noise properties. *ACM Transactions on Graphics (TOG)* 23, 3 (2004), 488–495.

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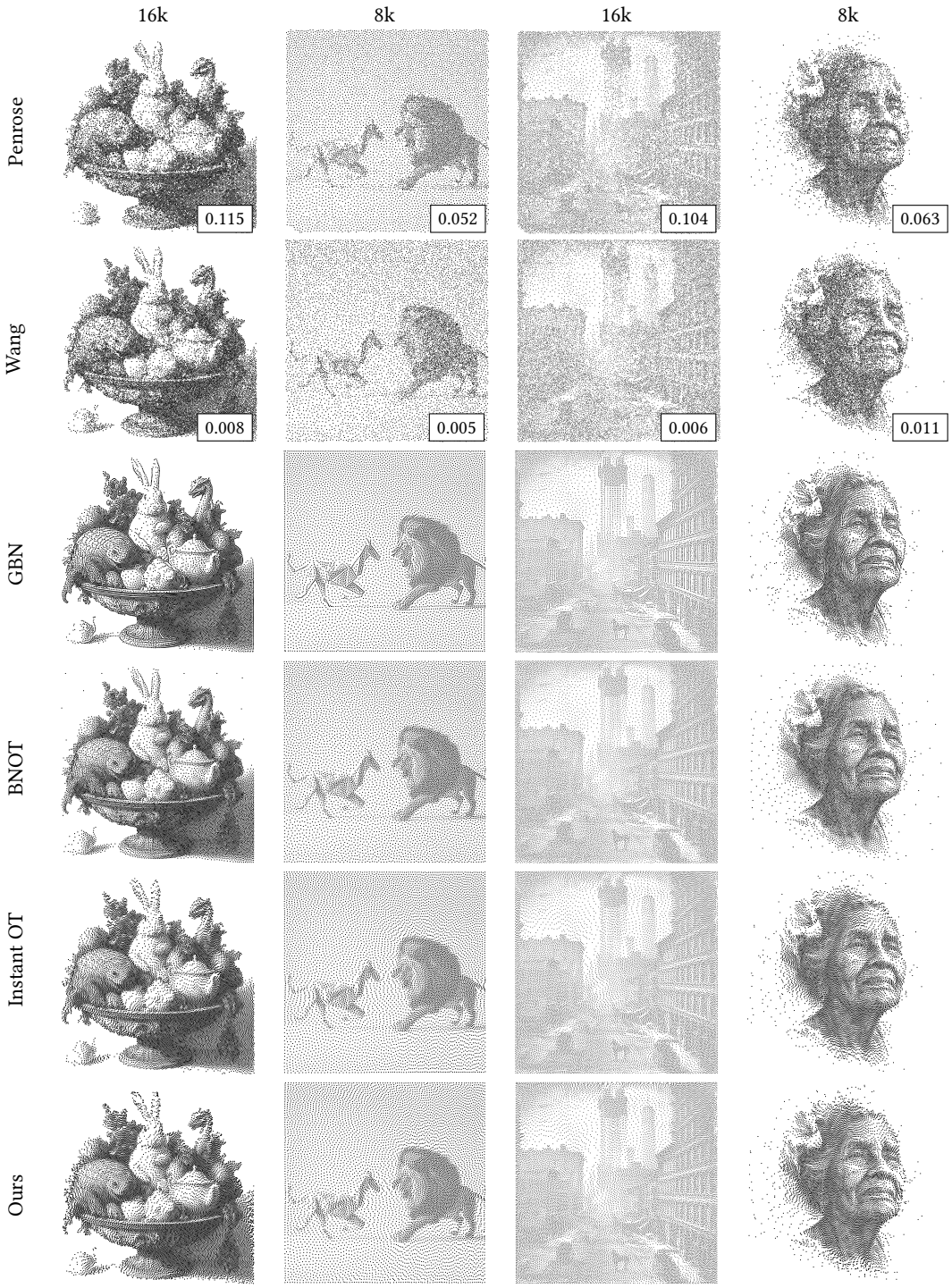

Fig. 1. Additional image stippling comparisons, please refer to Table 1 for timings and details. This figure also includes results and timings (in seconds) of Penrose tilling [Ostromoukhov et al. 2004] and Wang tile [Kopf et al. 2006].

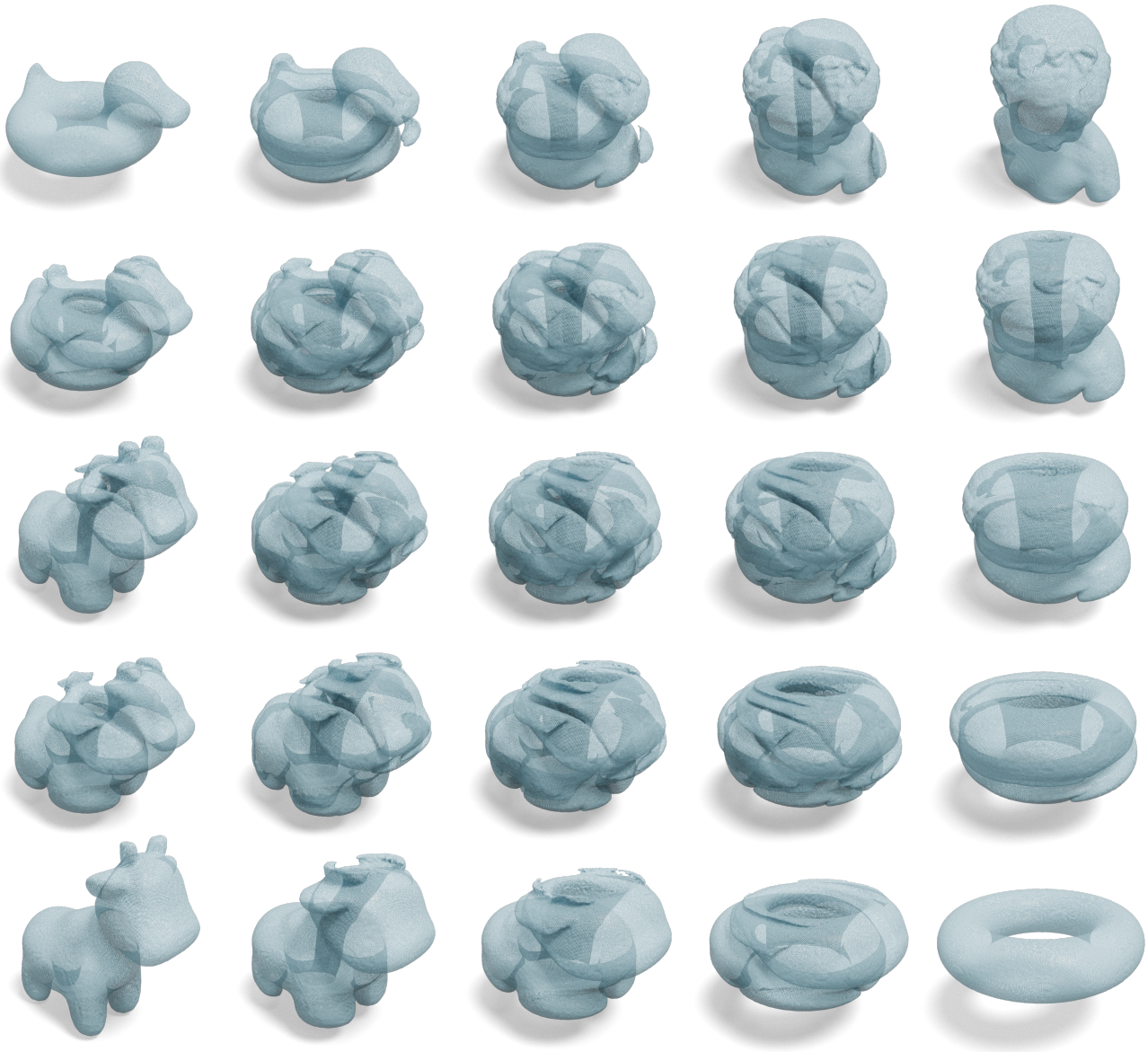

Fig. 2. We compute barycenters for four voxelized 3d meshes on 256^3 grids (advecting 256^3 particles in 1936.31s, splatting them on voxels, and marching cubes reconstruction –3.6s per interpolation step–). *Bimba model by Pierre Alliez and Marco Attene from the Aim@Shape repository. Spot (cow) model from Crane et al. [Crane et al. 2013]*