

3-D Electron Microscopy Map in PDF Format

Below is example 3D object embedded in PDF showing the light-harvesting apparatus of a purple photosynthetic bacteria. A contour surface of a density map from the Electron Microscopy Data Bank, [EMDB 1356](#), was exported from [UCSF Chimera](#) in Wavefront OBJ format, converted to U3D format using [MeshLab version 1.1.1](#), and placed in a PDF document with pdflatex (from Fink [tetex](#) package) with the [movie15](#) and [ifdraft](#) TeX packages. All programs are open source software and were run on Mac OS 10.4.

(emd1356.u3d)