

3D Visualization of the Biological Structures

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In this paper we aim to present a visualization of 3D model of a protein using data stored in a molecular structure file. All our examples will be realized with geometry and texturing in Maya. It will also be used a very practical application of MEL scripting to automate a modeling. It will be presented a simulations of DNA permeation through nanopores using NAMD, VMD and Maya. In this work we will briefly describe this technique and the possibilities for its use.

References

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