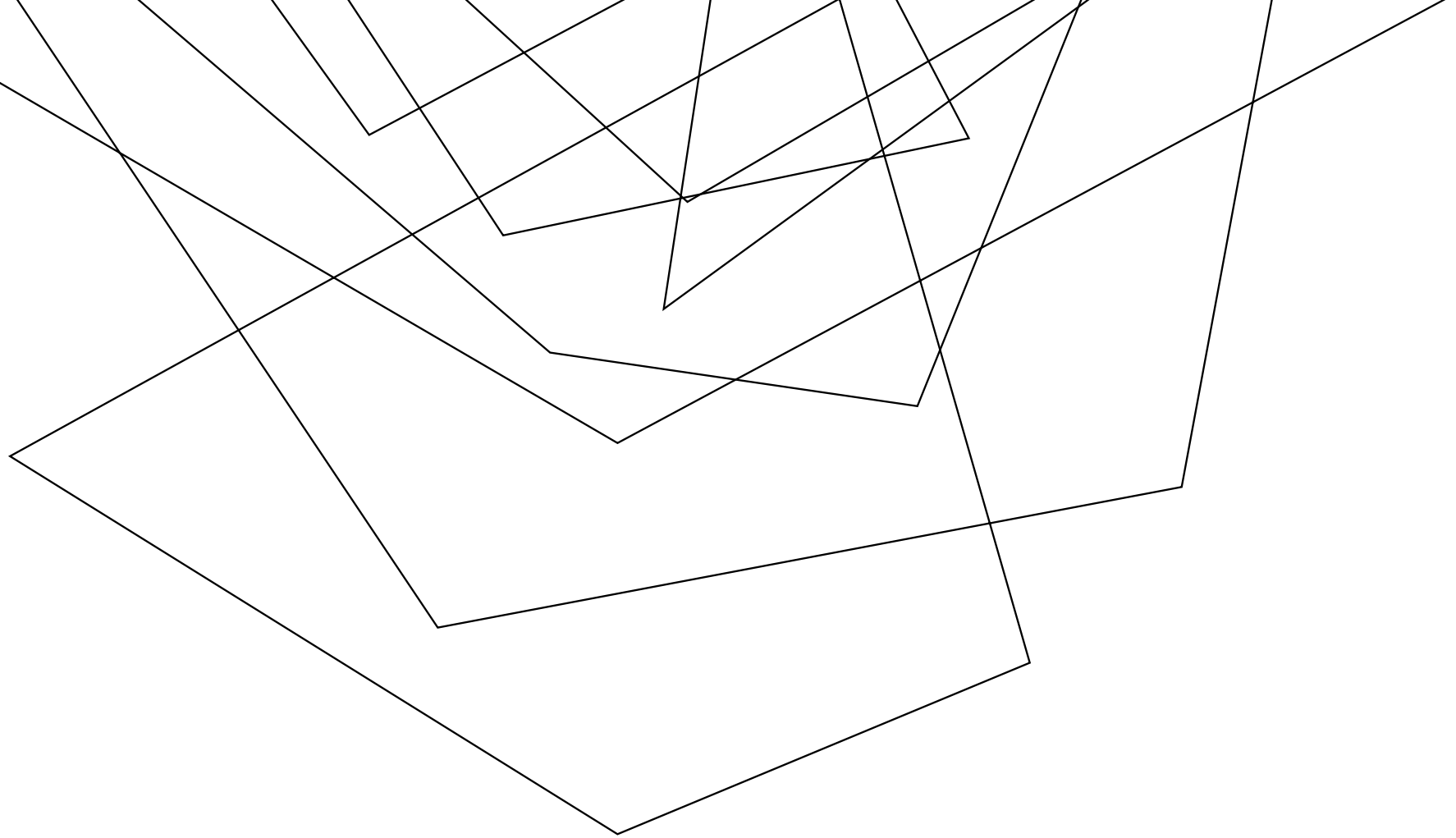
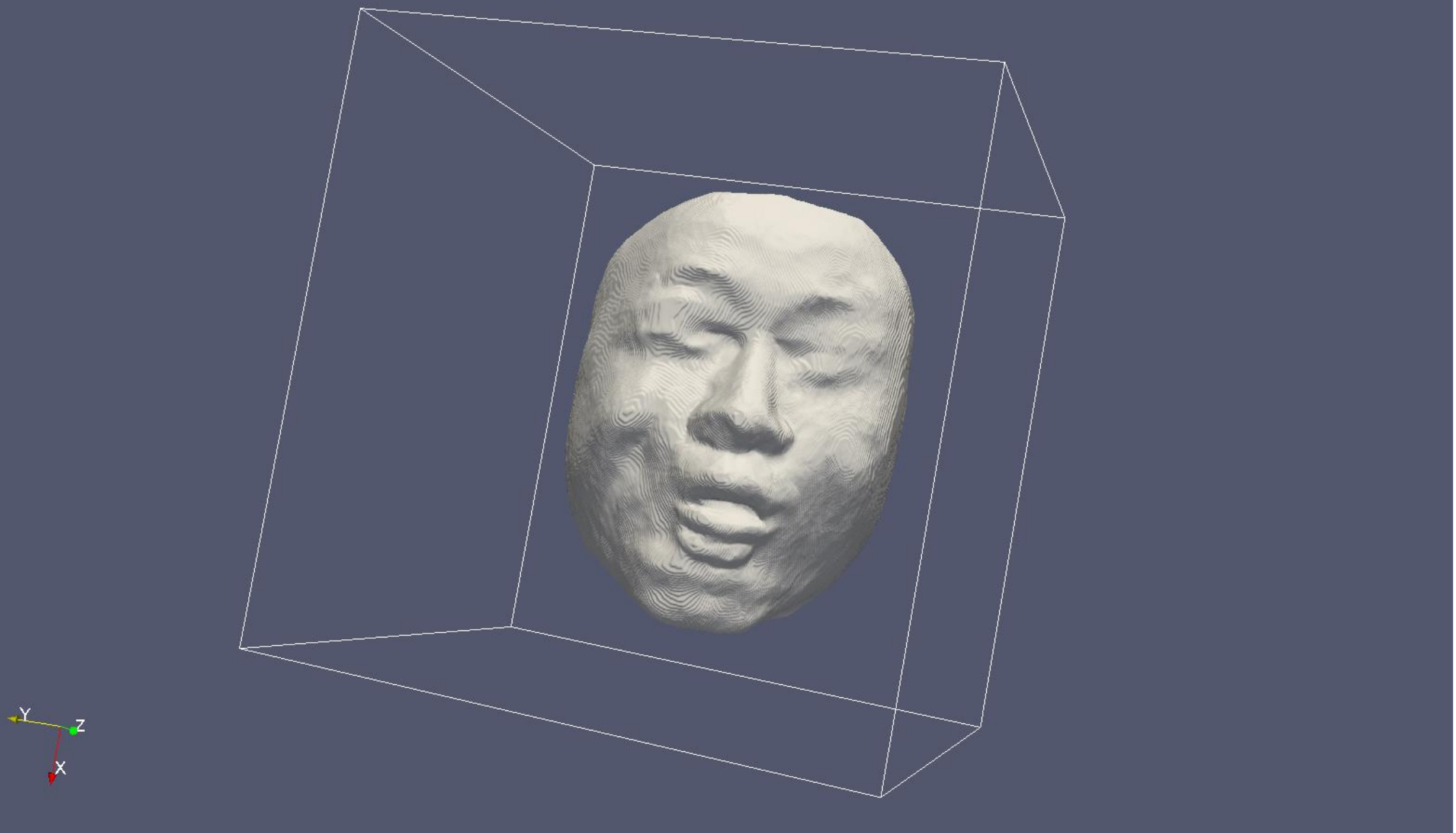


MASTER THESIS

Yannick Kees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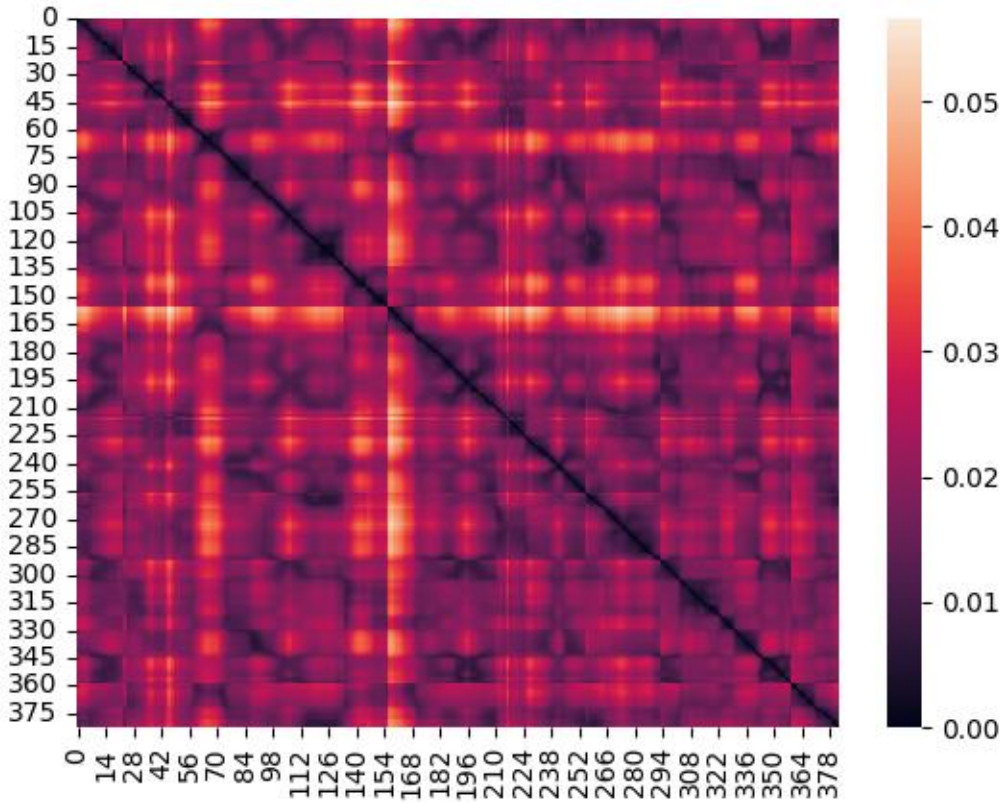
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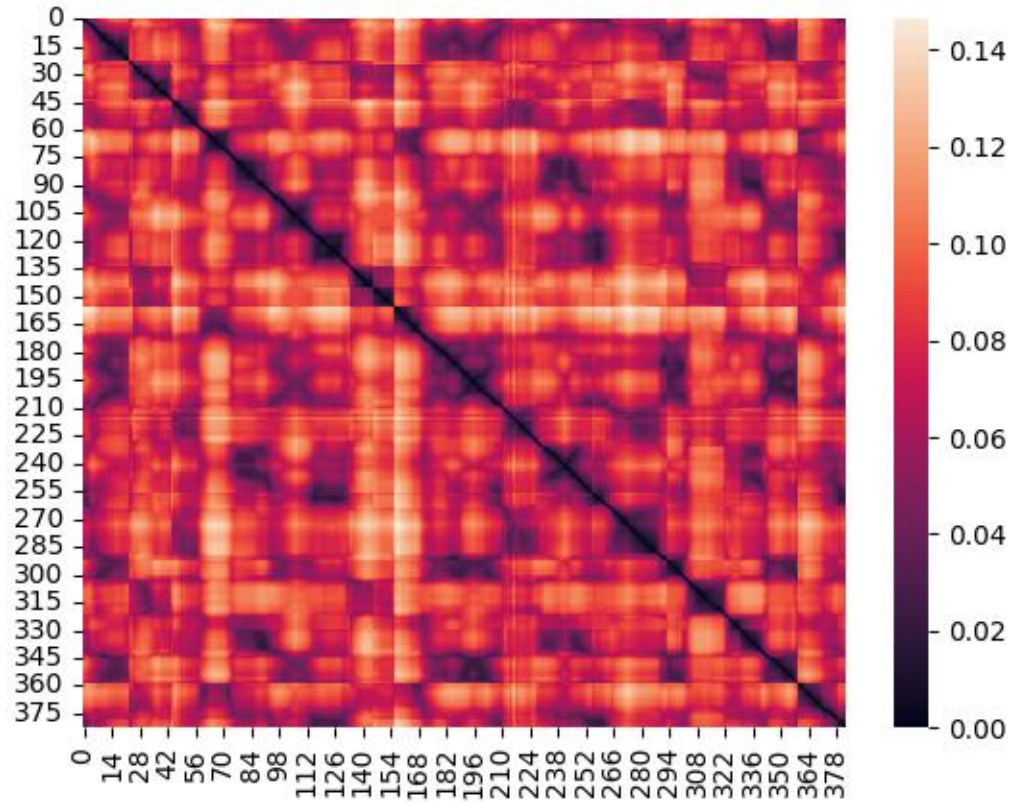
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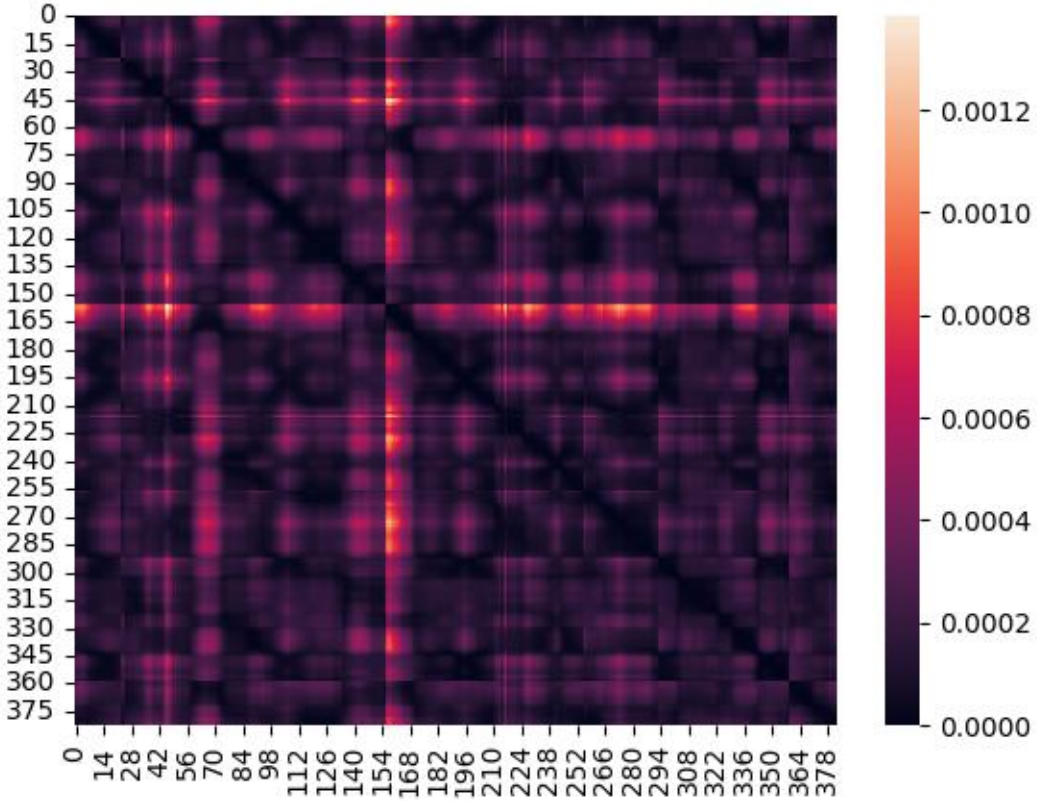
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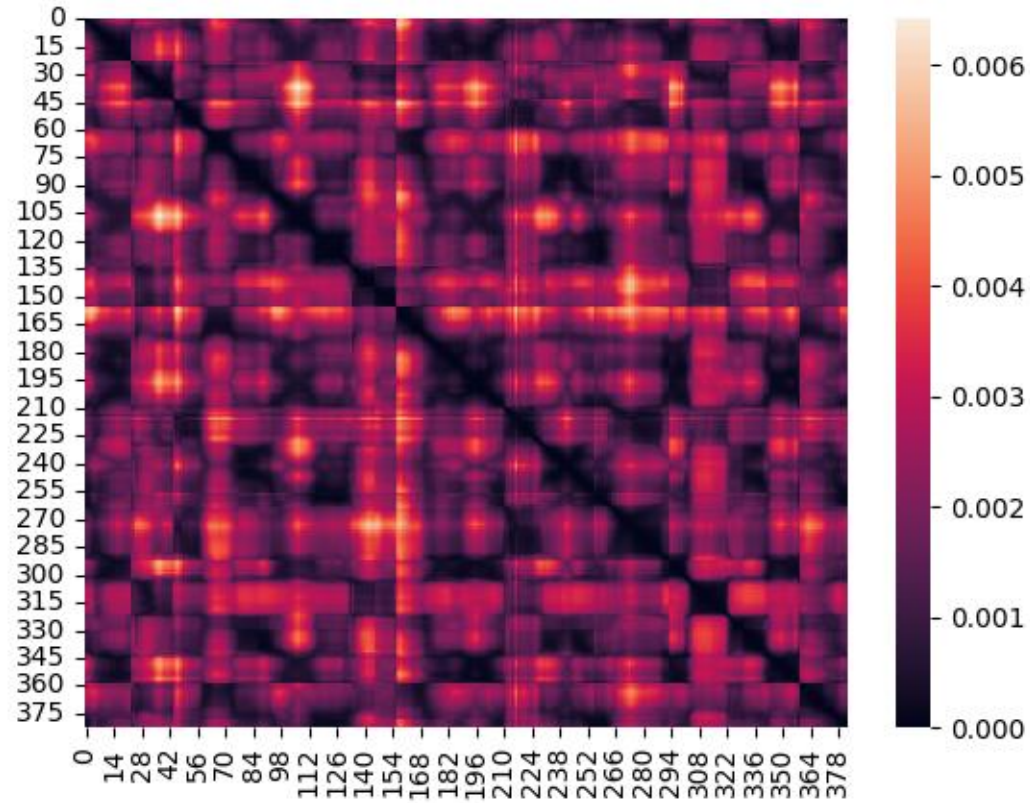
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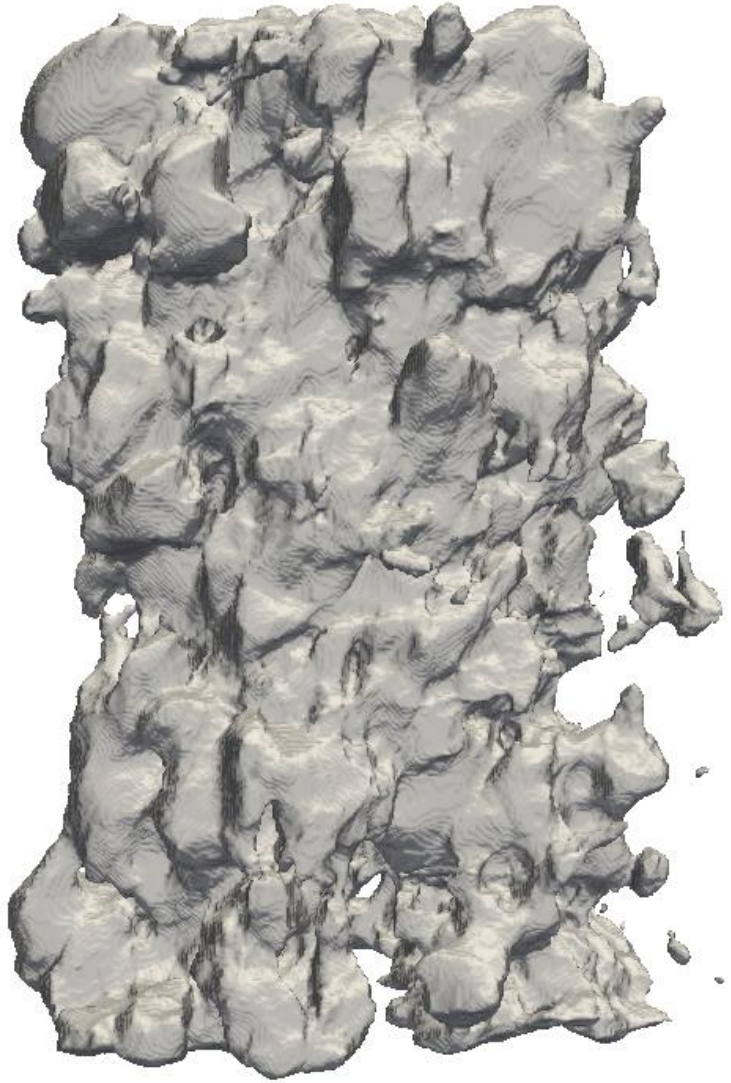
3D SURFACES OF BODY SHAPES

C = 40

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

3D SURFACES OF BODY SHAPES



C = 35

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

3D SURFACES OF BODY SHAPES

C = 30

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

3D SURFACES OF BODY SHAPES

C = 20

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

3D SURFACES OF BODY SHAPES

C = 15

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

3D SURFACES OF BODY SHAPES

C = 10

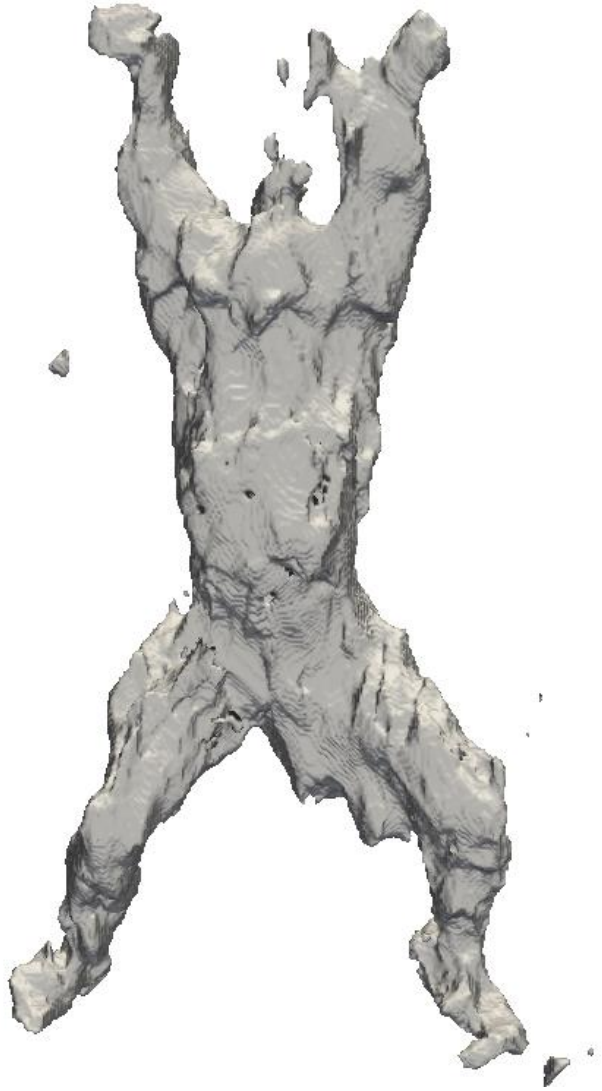
$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

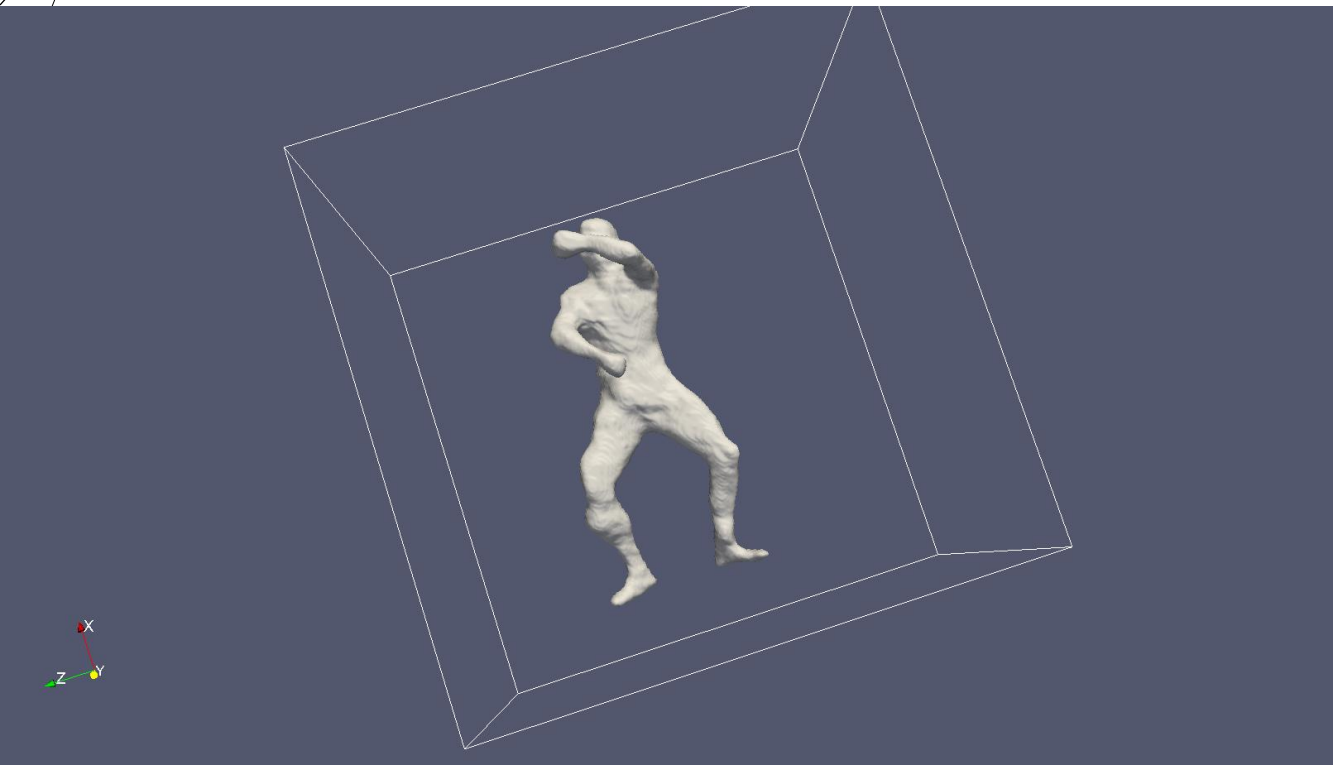
3D SURFACES OF BODY SHAPES

C = 5

$$\int \frac{1}{\varepsilon}(u^2-1)+\varepsilon|\nabla u|+\frac{C}{\varepsilon^{-1/3}|P|}\sum_{p\in P}|u(p)|$$

MORE FOR C = 15




X
Z
Y


X
Y
Z

CONTOUR PLOT