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AUTODESK UNIVERSITY

Turbocharge How You Design and Manage Large Assemblies in Fusion 360

Session ID: IM501506

Jacob Weinstock
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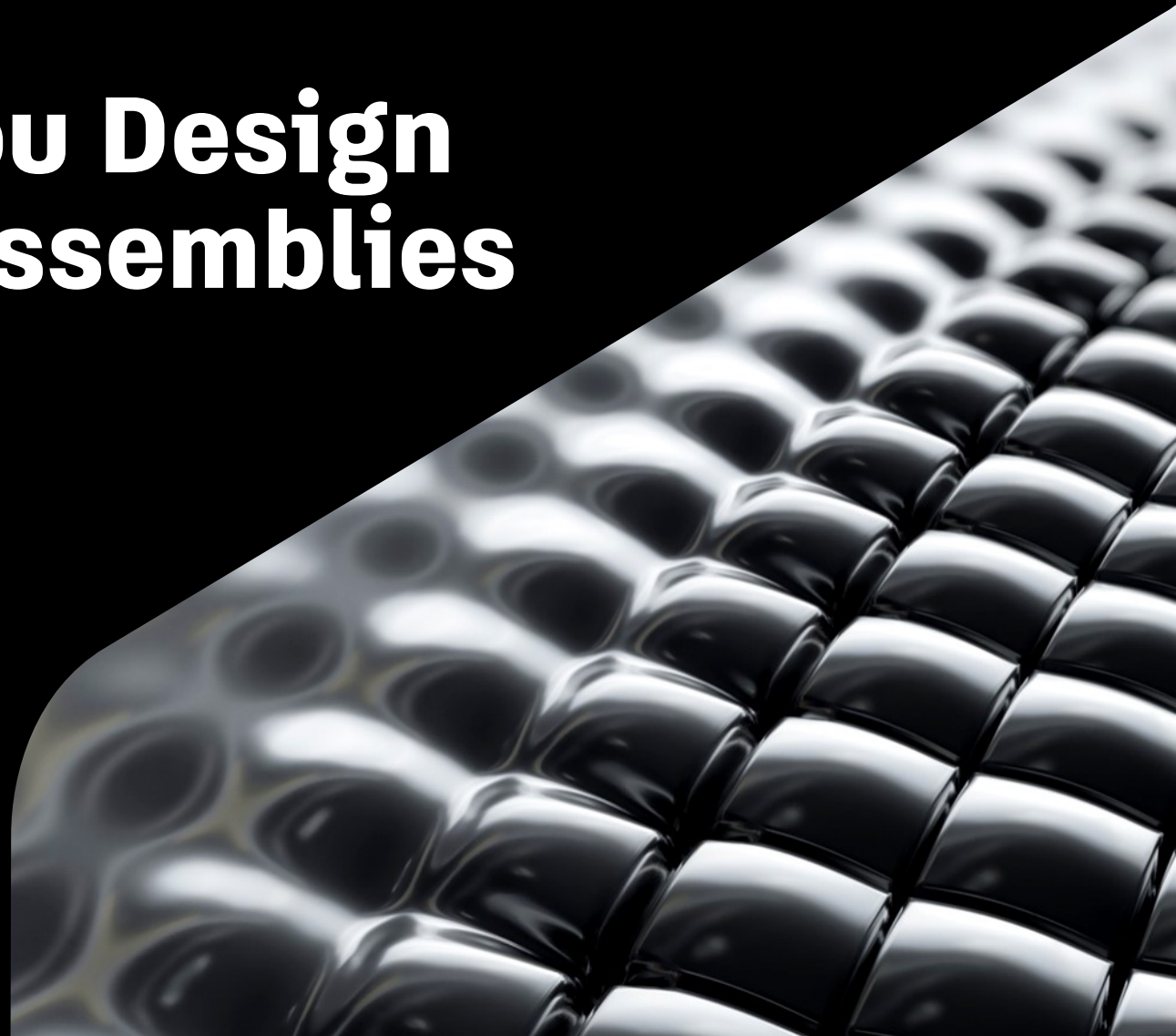
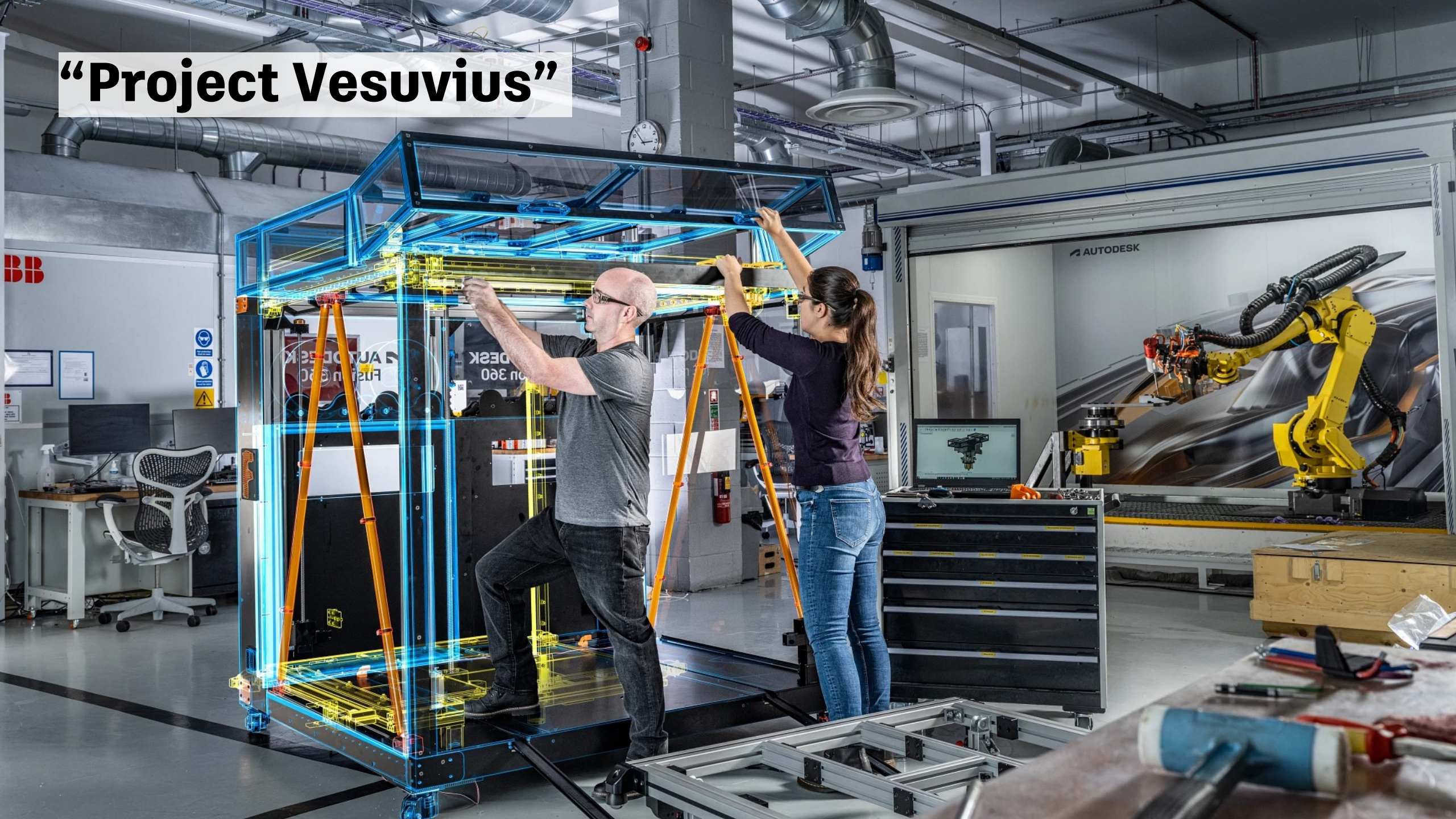


Class Themes

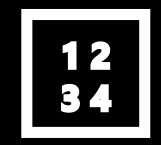
- Large Assembly Basics
- Modelling Techniques
- Collaboration

“Project Vesuvius”



What is a “Large Assembly?” 🤔

It depends 

Number of Components 

Complexity of Components 

Industry Sector 

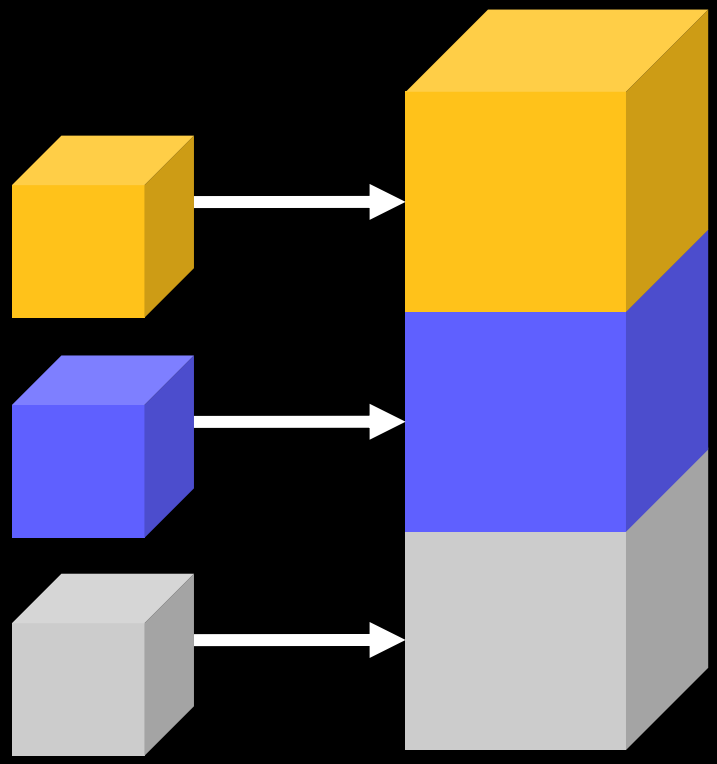
Processing Power 

Physical Size 

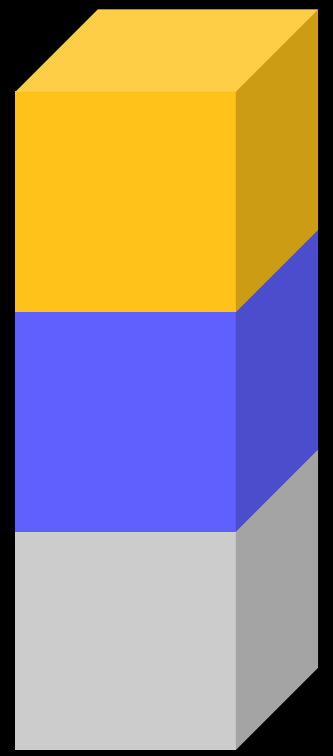
“Any assembly where performance is noticeably decreased”

What can we do to work more efficiently with large assemblies?

Bottom Up vs Top Down

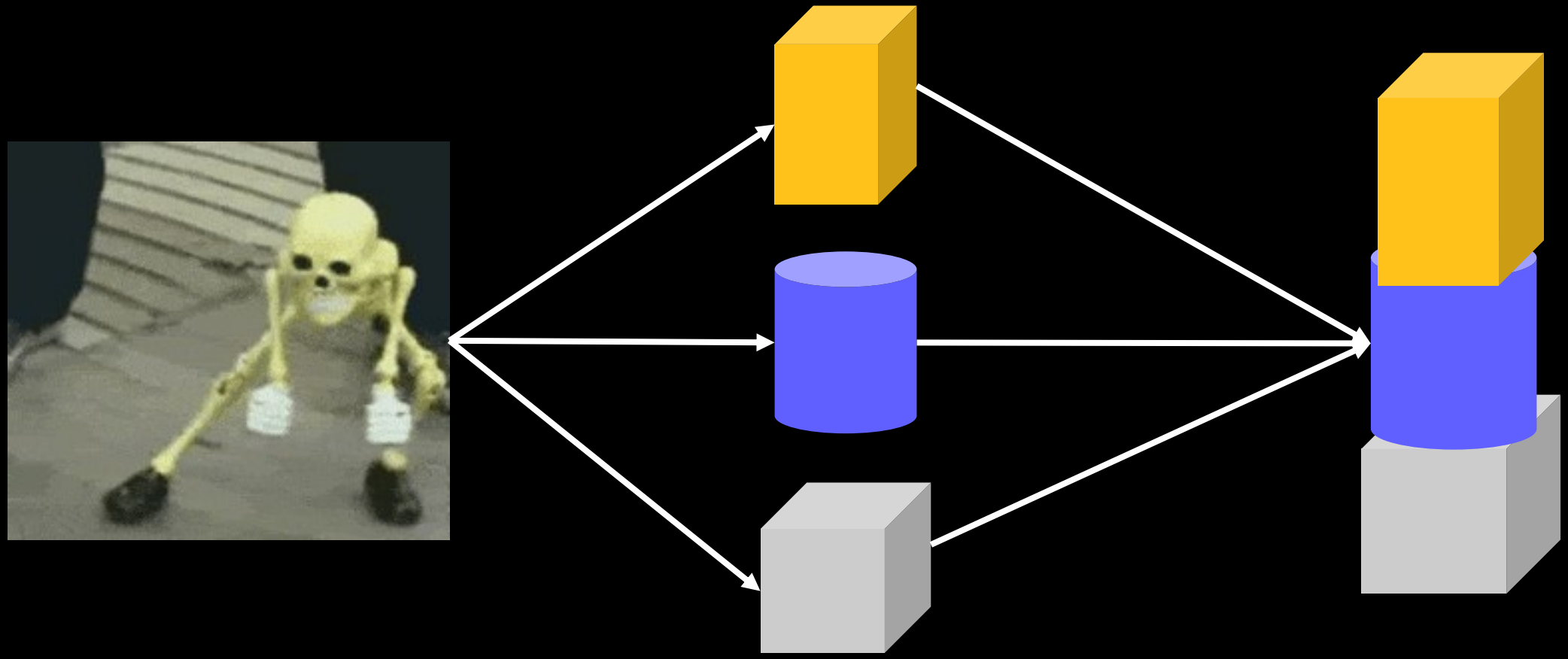


Bottom Up



Top Down

Skeleton Modelling

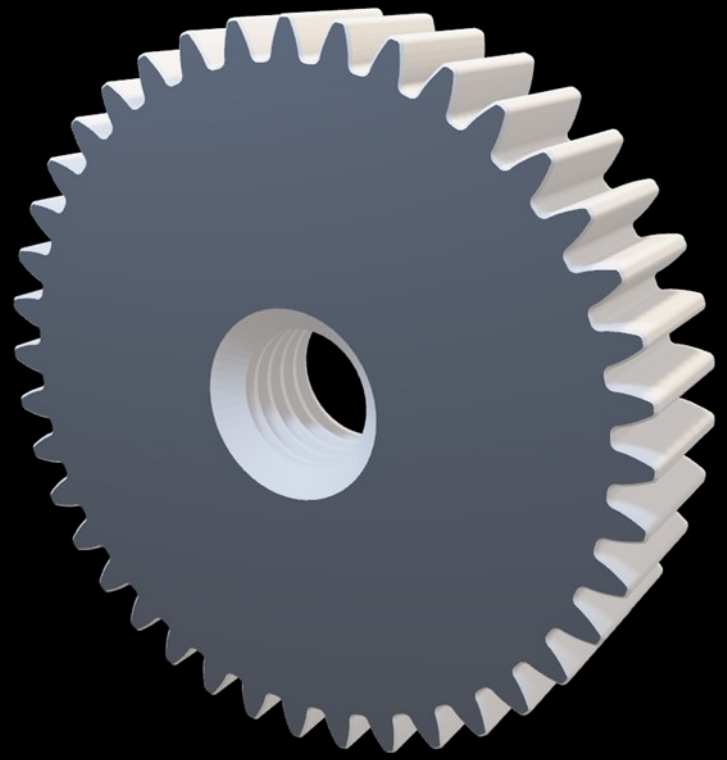


Skeleton model

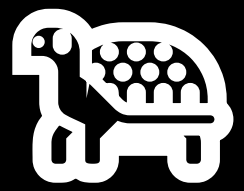
Individual parts

Combined assembly

Simplify Geometry



410 Faces =



4 Faces =

Fusion Team & Manage Extension