

# Flying dragon

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난다용

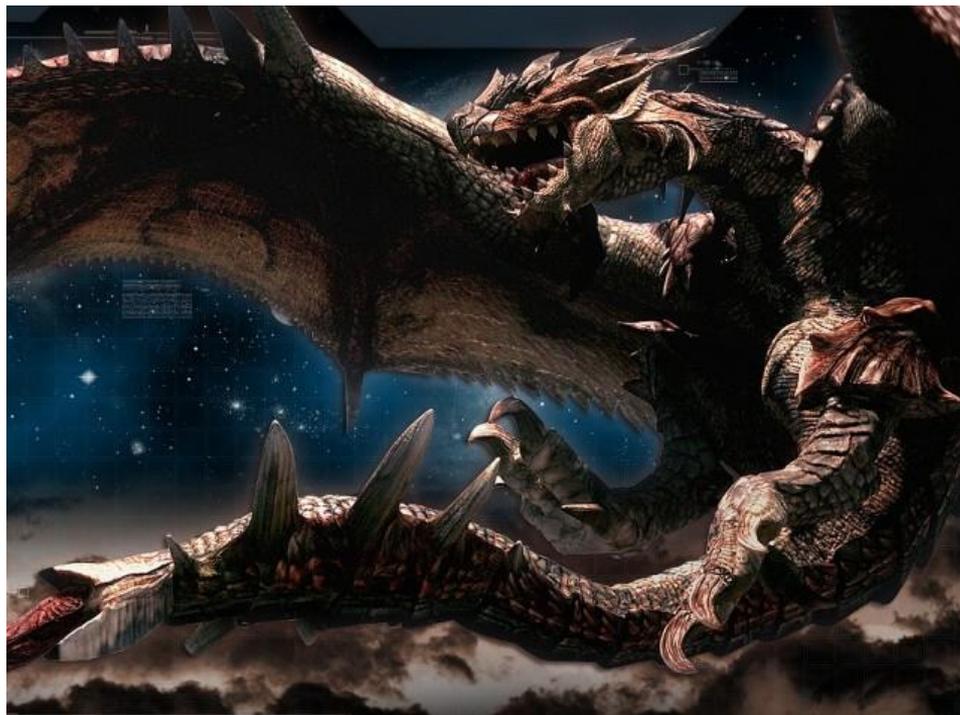
2012012219 심규빈

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# Context

- ◆ Concept & Motivation
- ◆ Basic kinematics model
- ◆ Modeling procedure
- ◆ Kinematics
- ◆ Simulation

# Concept

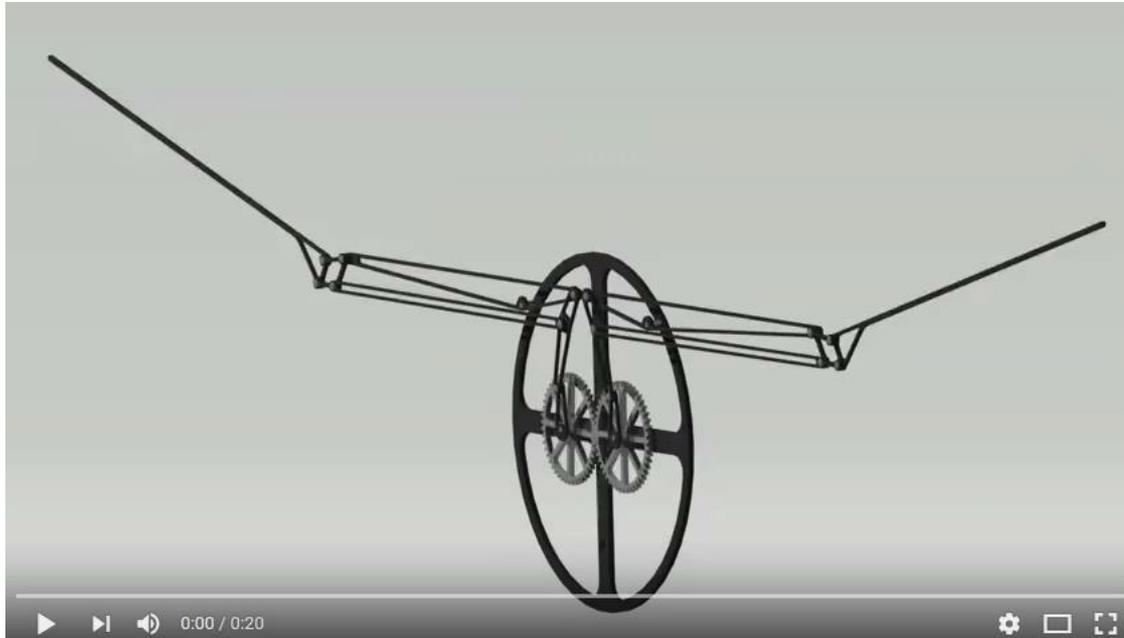


# Motivation



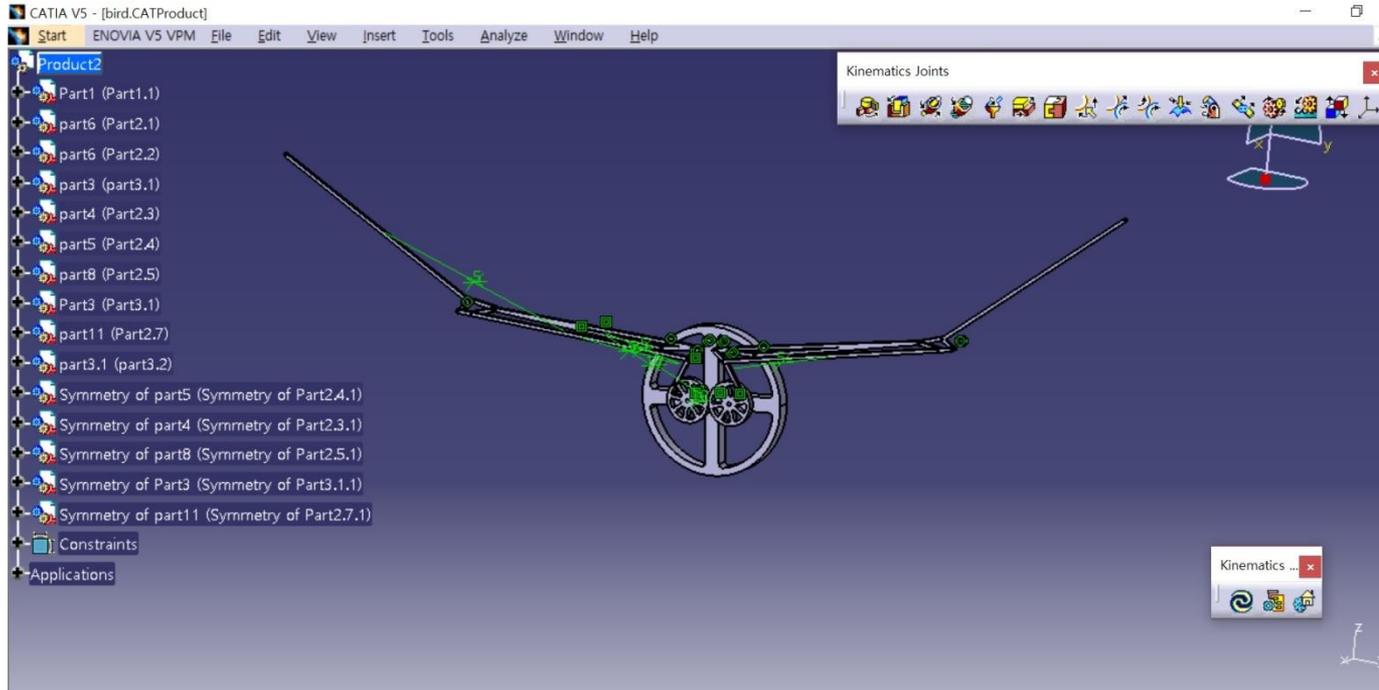
출처 : <https://www.youtube.com/watch?v=Pn5pPy9BX3w>

# Basic kinematic model

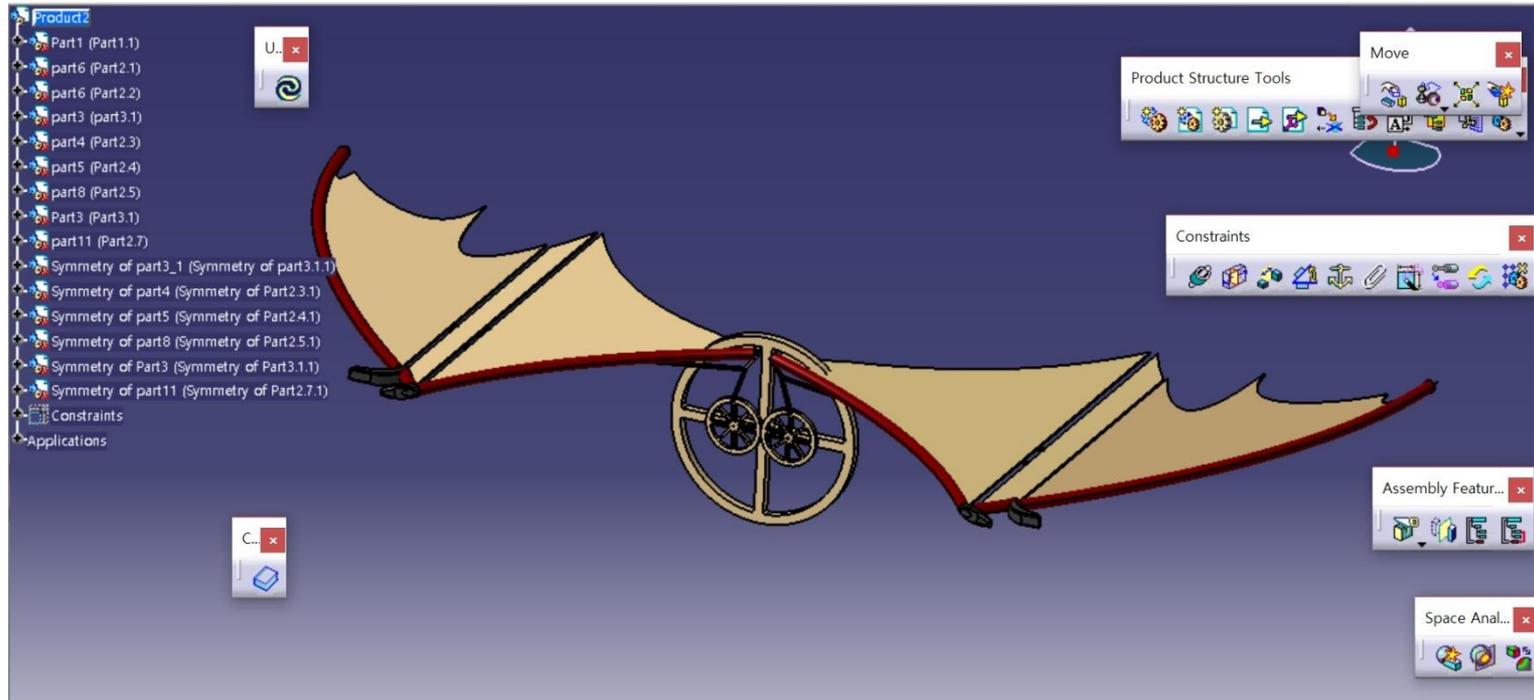


출처 : <https://www.youtube.com/watch?v=N9b45bRSIG8>

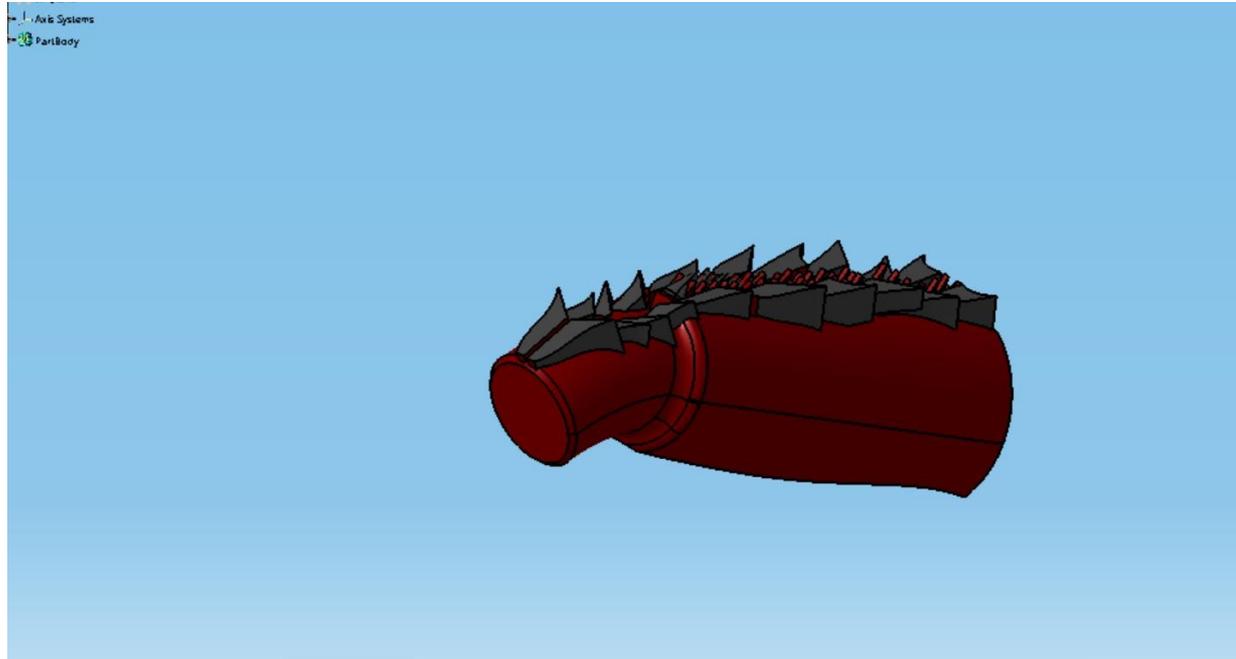
# Modeling procedure - wing



# Modeling procedure - wing

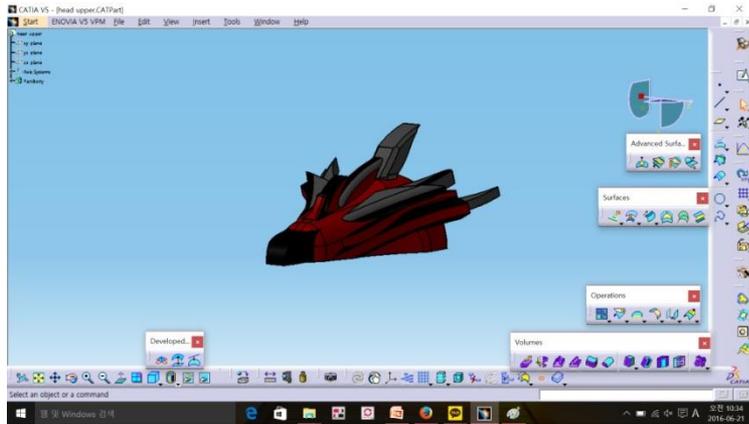


# Modeling procedure - body

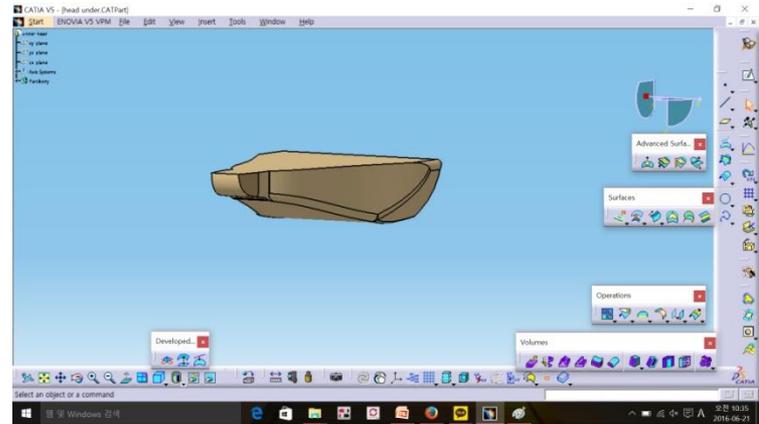


# Modeling procedure - head

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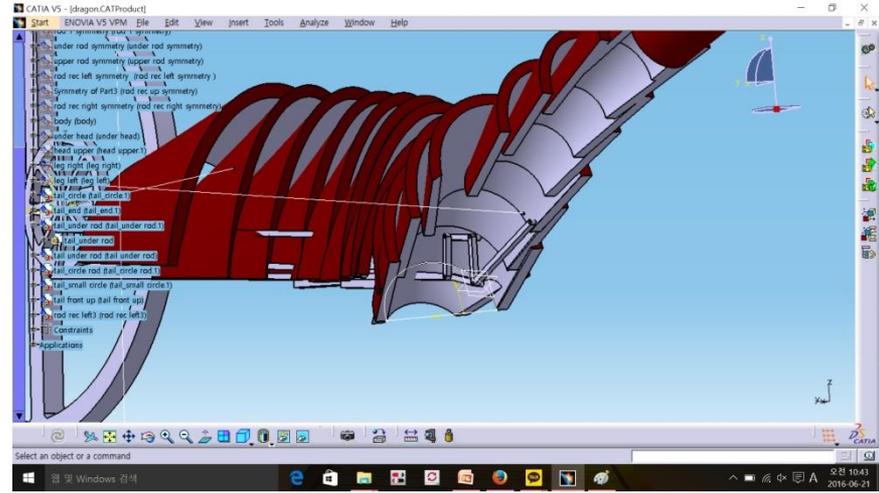
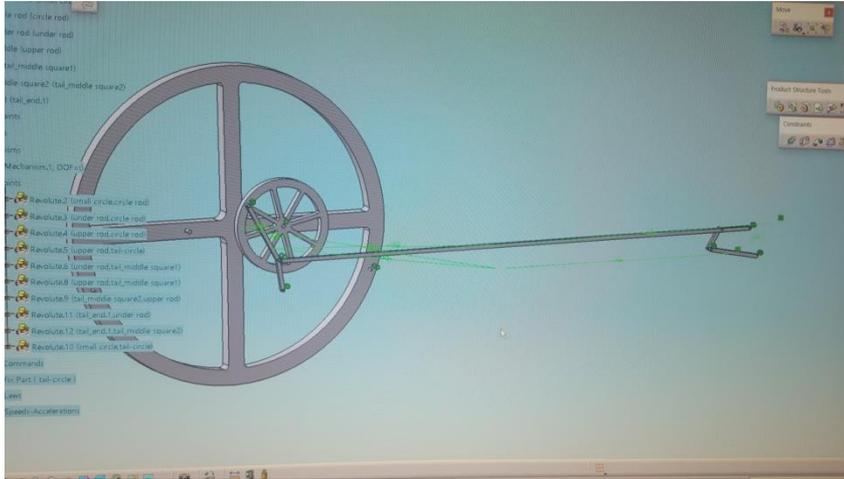


Upper head

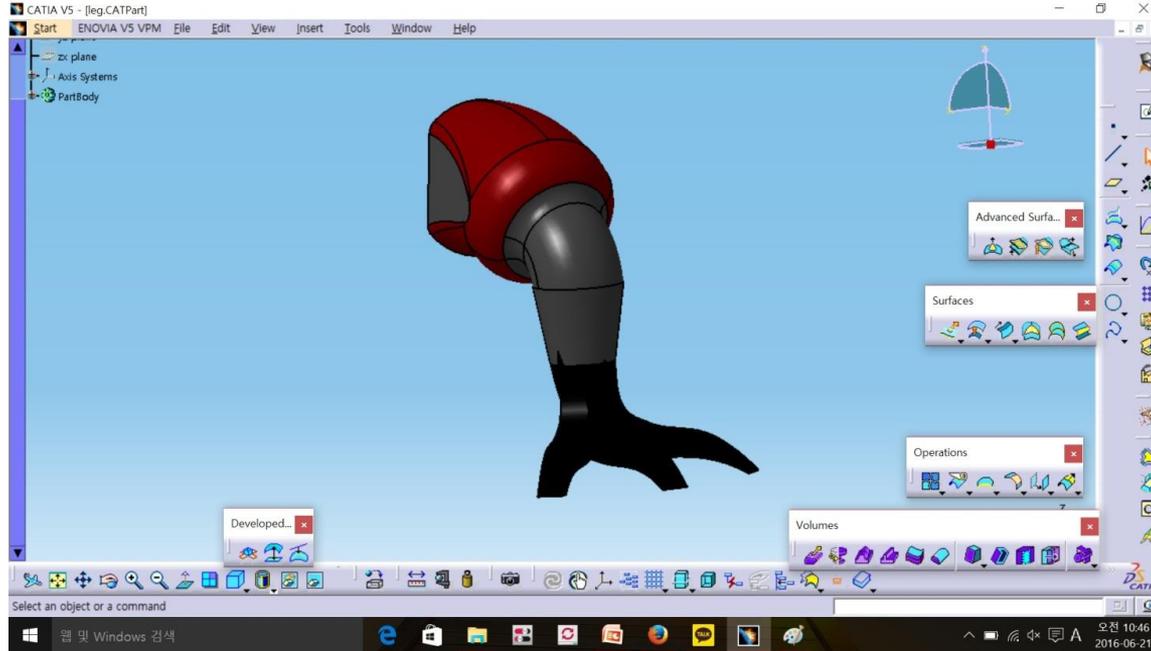


Under head

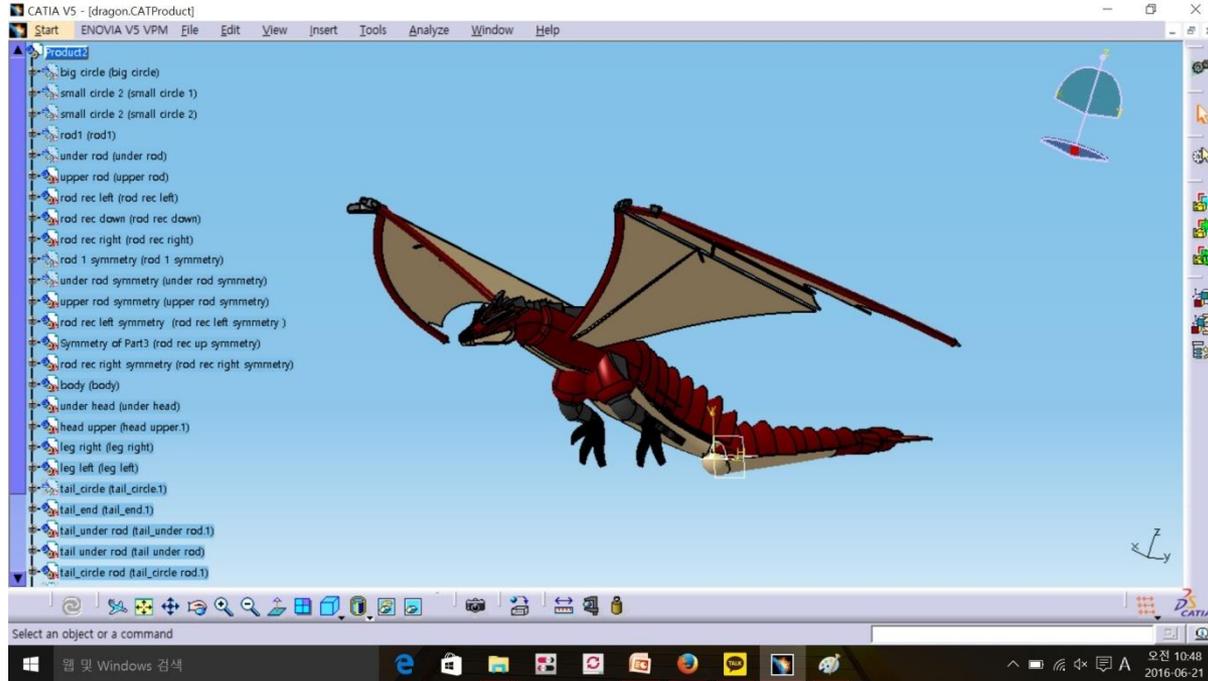
# Modeling procedure - tail



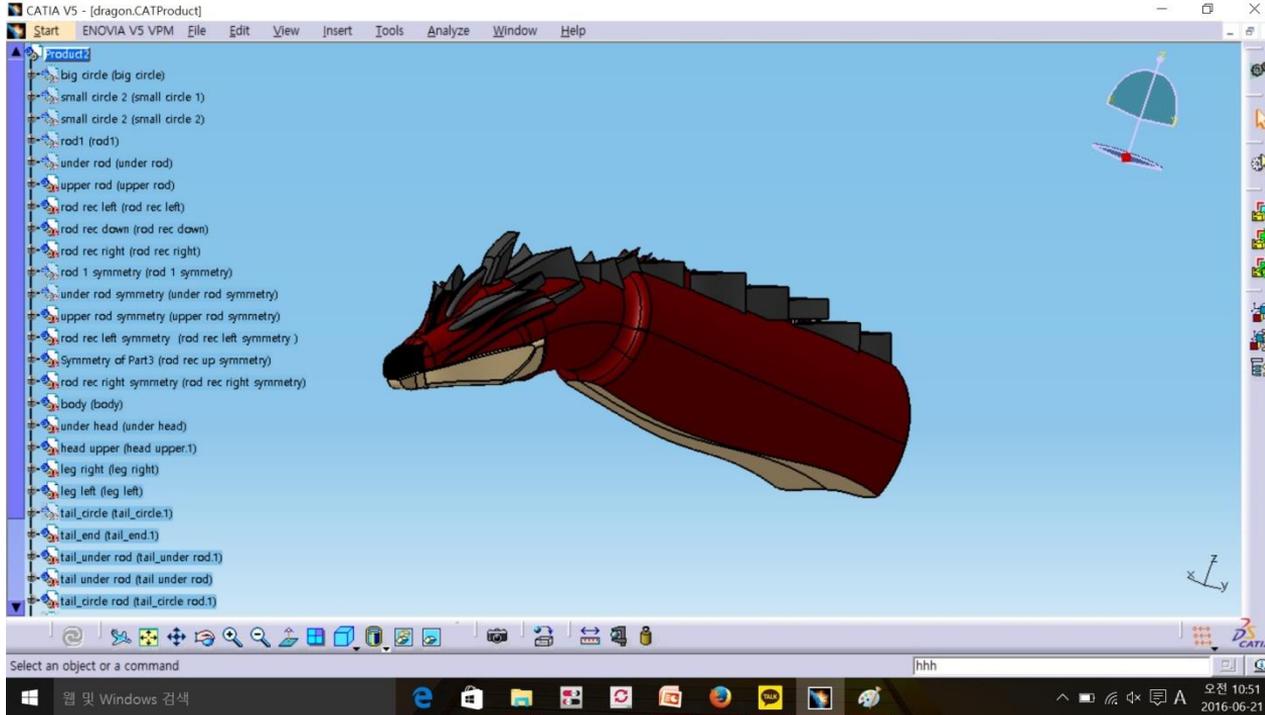
# Modeling procedure - legs



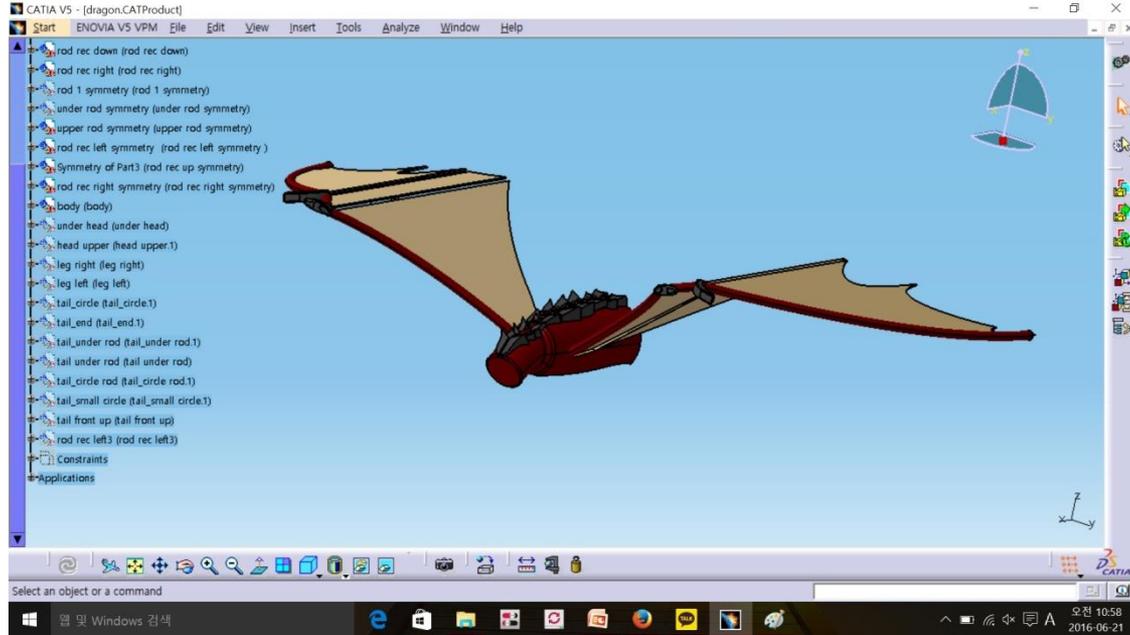
# Modeling procedure - dragon



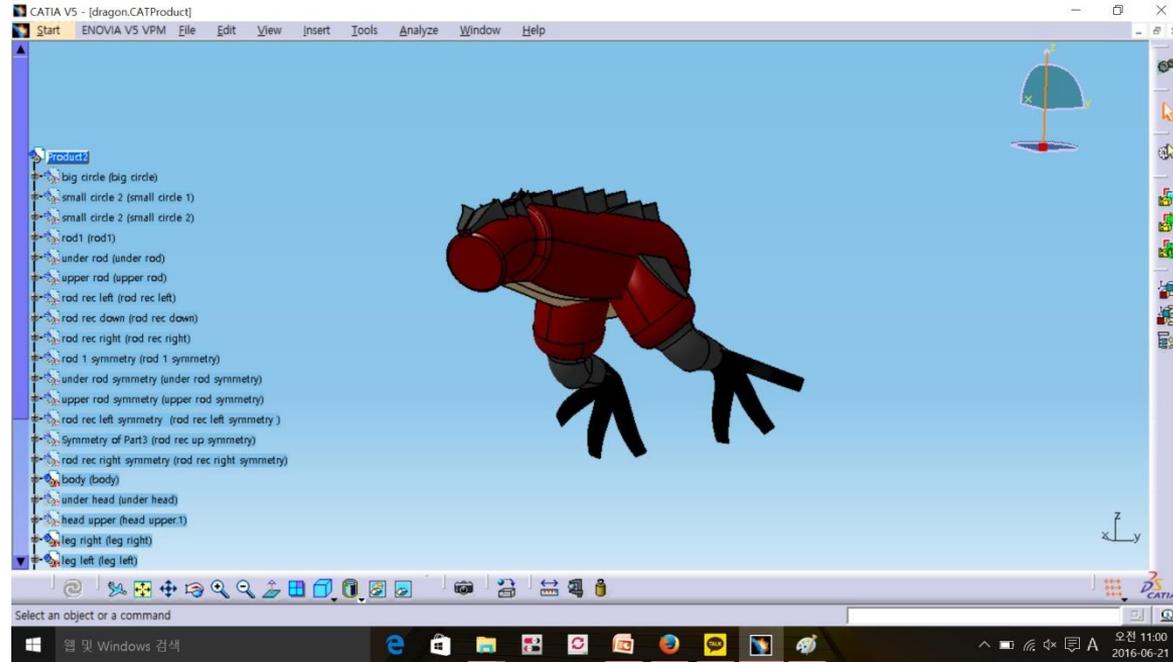
# Kinematics – head mechanism



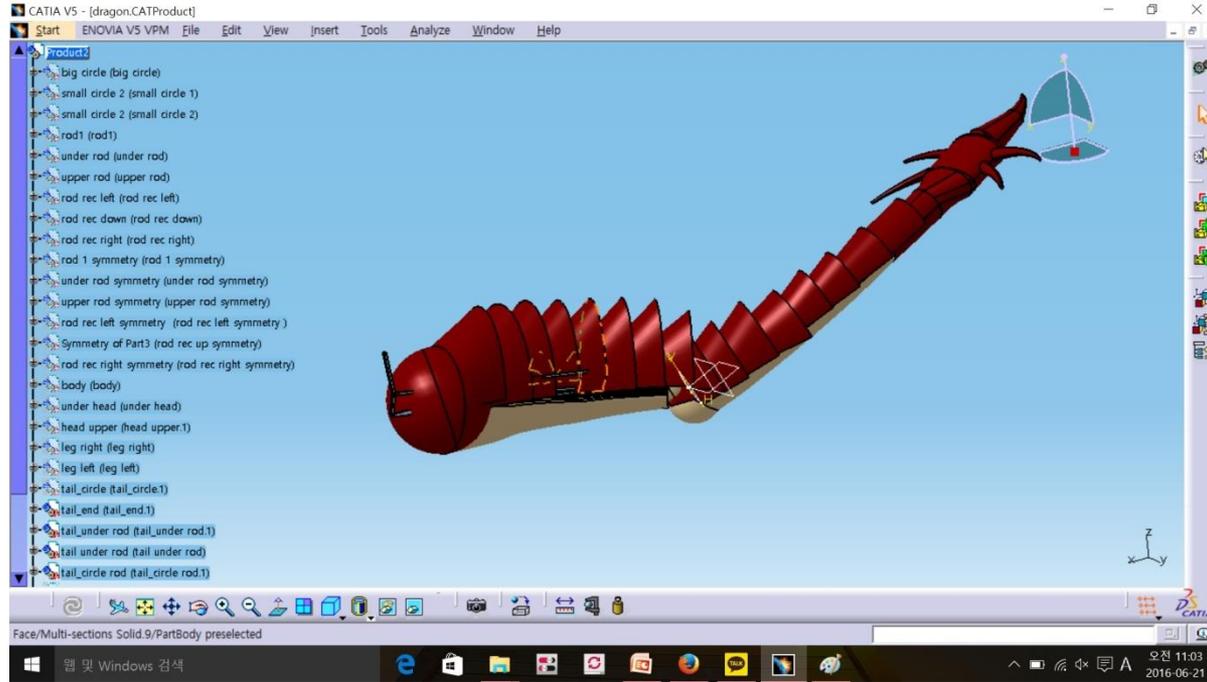
# Kinematics – wing mechanism



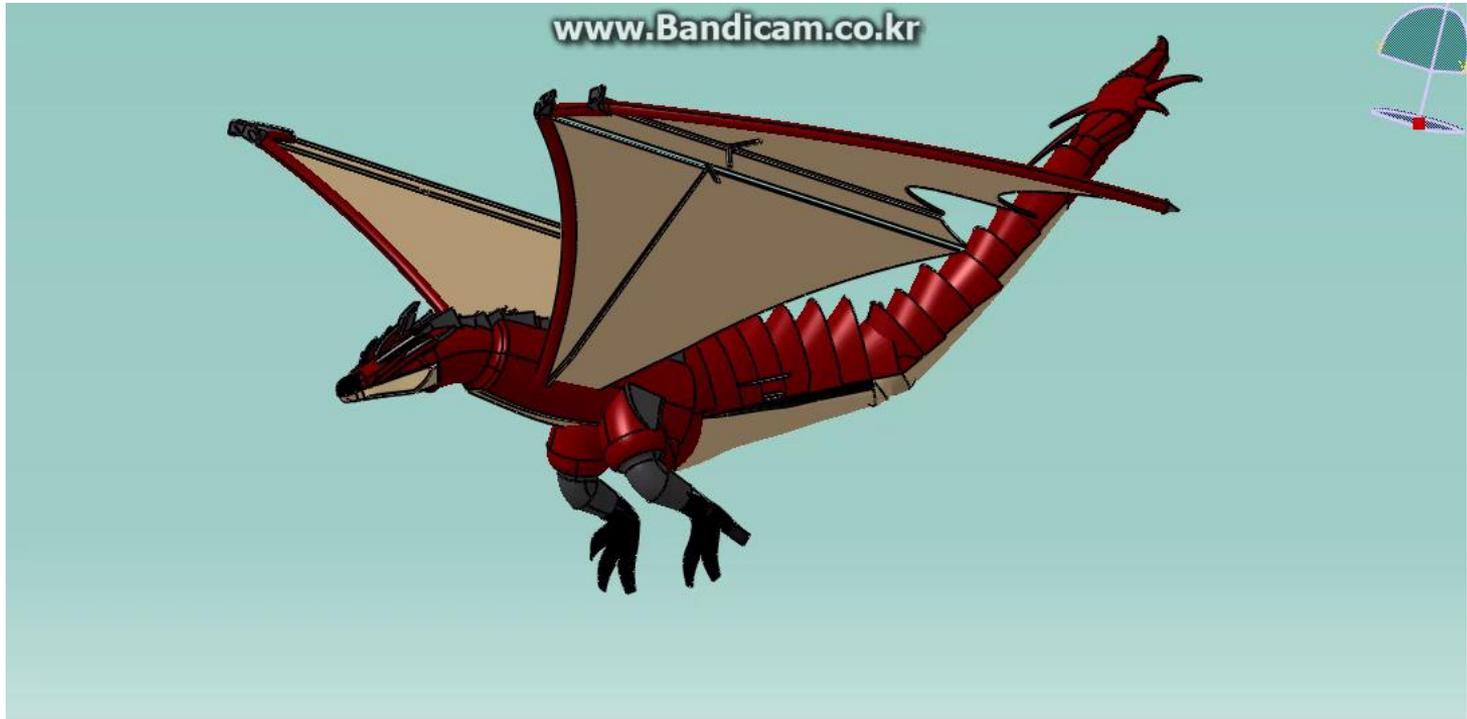
# Kinematics – legs mechanism



# Kinematics – tail mechanism



# Simulation



Thank you