

PROBE

조명 ; 4대강
조원 ; 한창희, 김동우

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주제 선정 배경



N포털 4대강 기사



유로파 물기둥

주제 선정 배경



팀명 선정 배경



도전



창의

열정



섬세



탐사선 구조

WHEEL

ARM

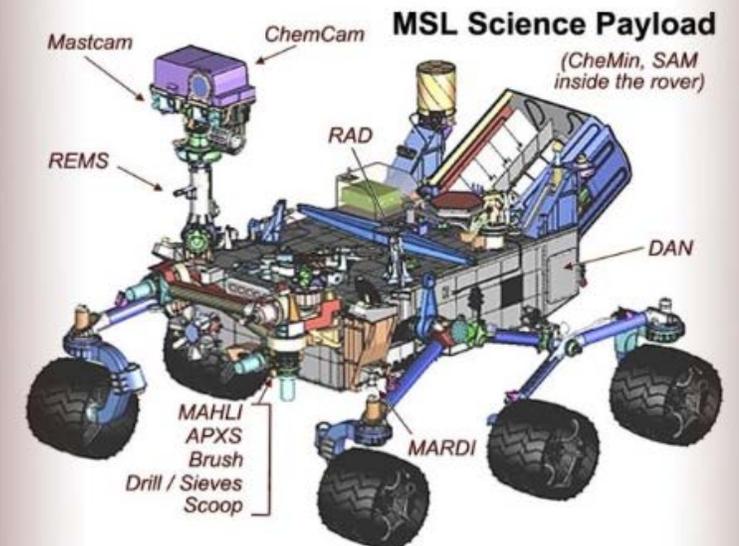
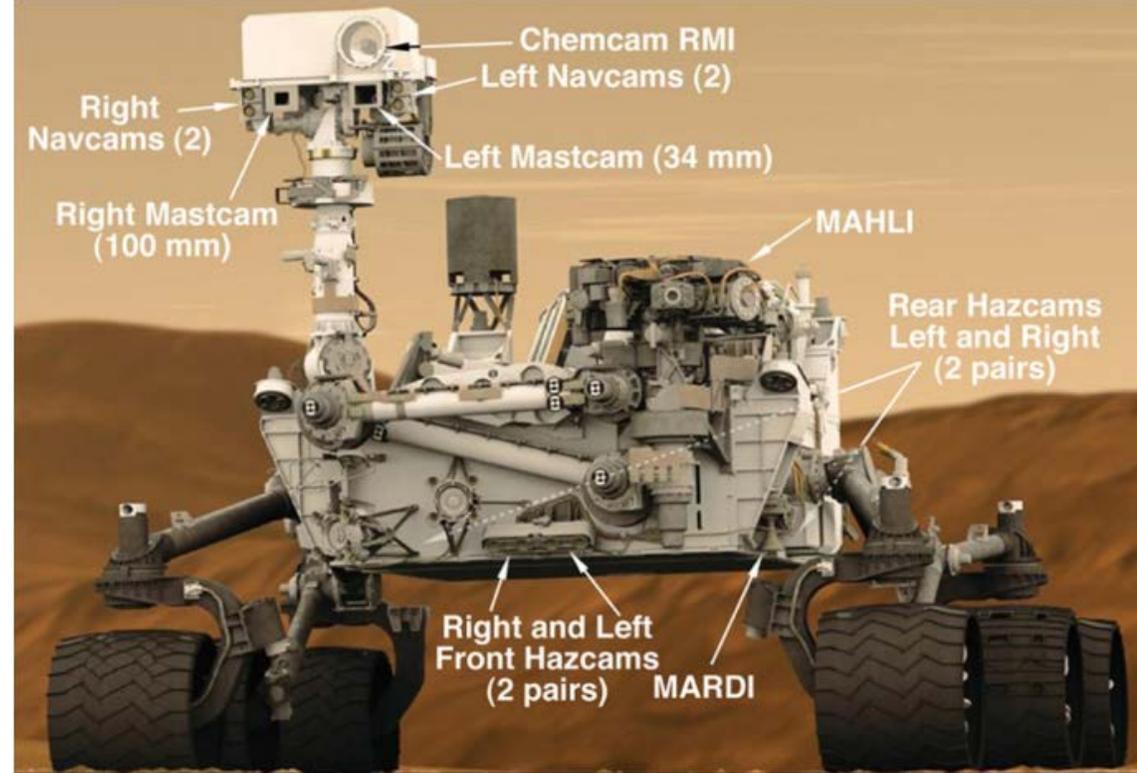
CAMERA

POCKET

BOTTOM BOARD

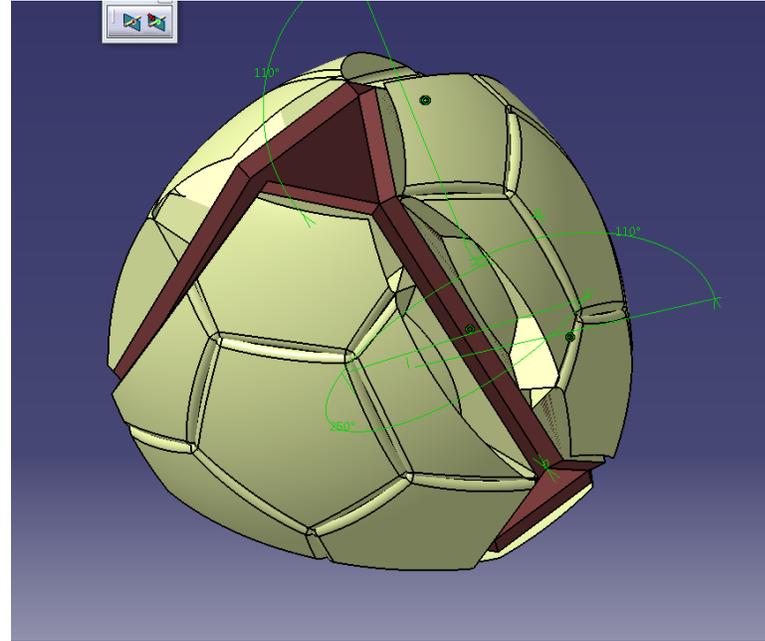
SHELL

+ airbag, fish robot



제작 과정

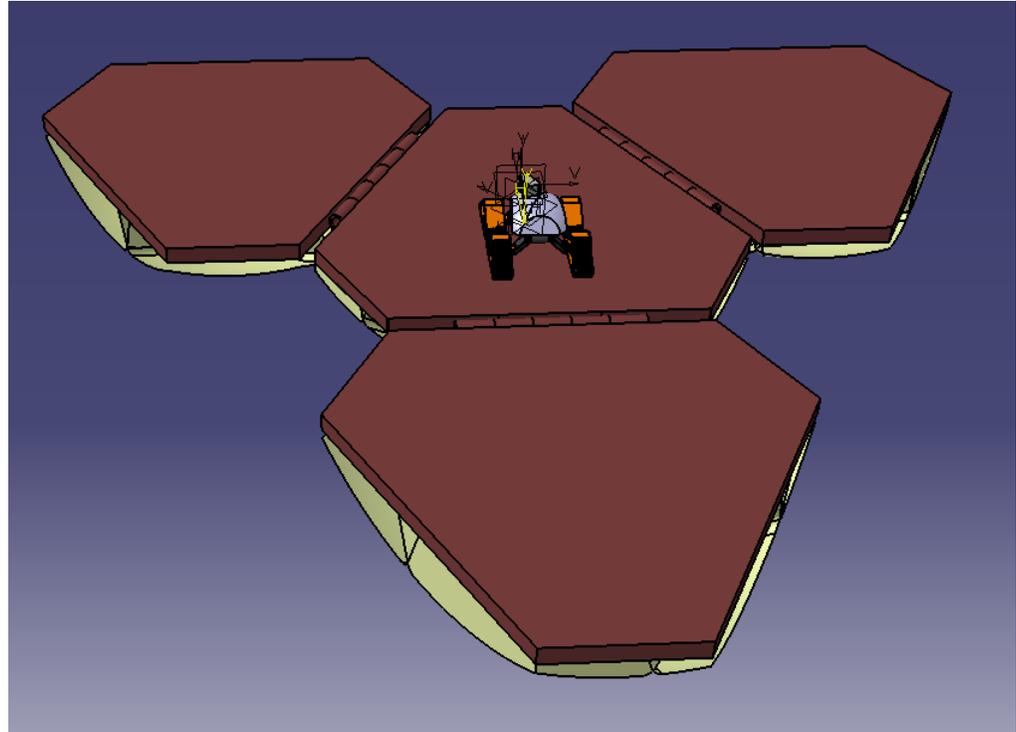
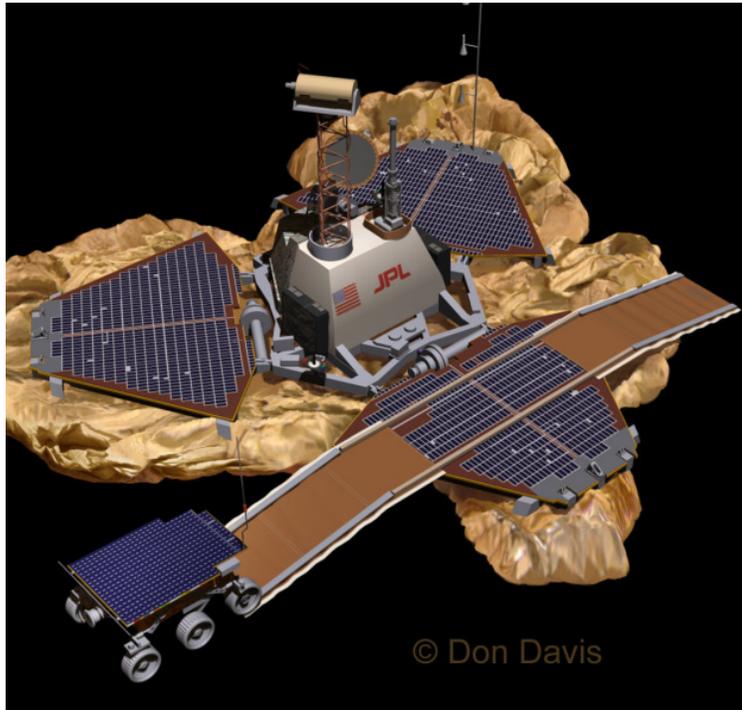
airbag



마스 패스파인더의 착륙시 에어백 모습

제작 과정

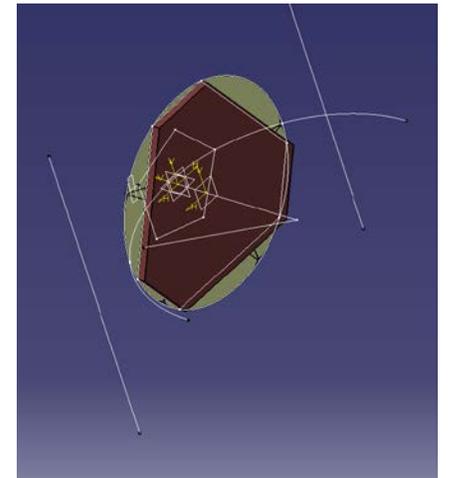
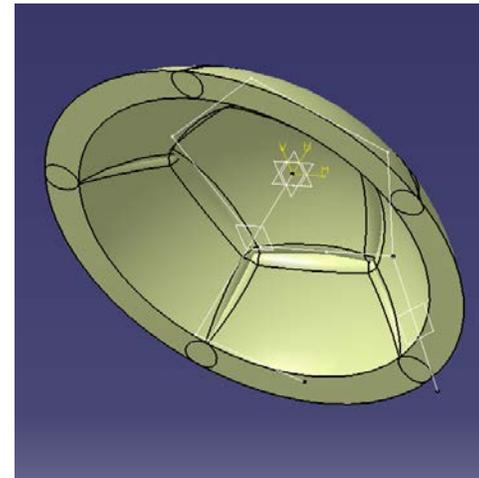
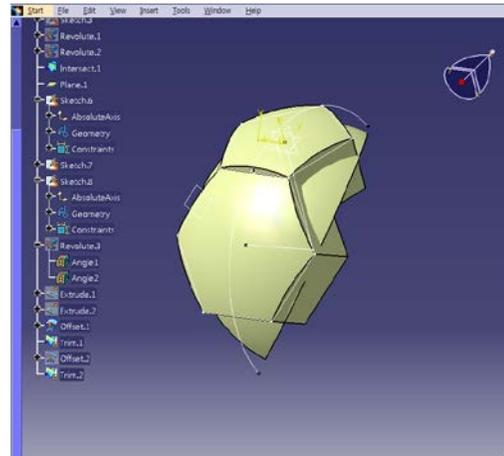
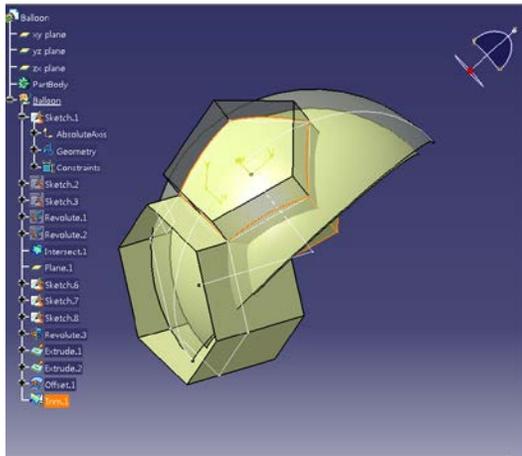
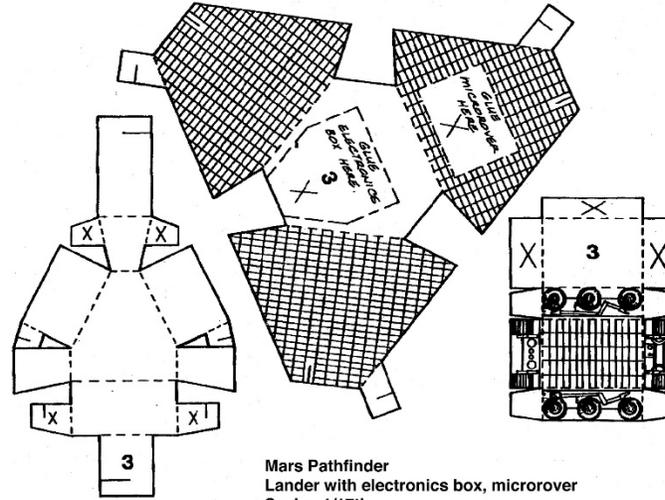
airbag



마스 패스파인더의 착륙시 에어백 모습 (바람 빠진 후)

제작 과정

airbag

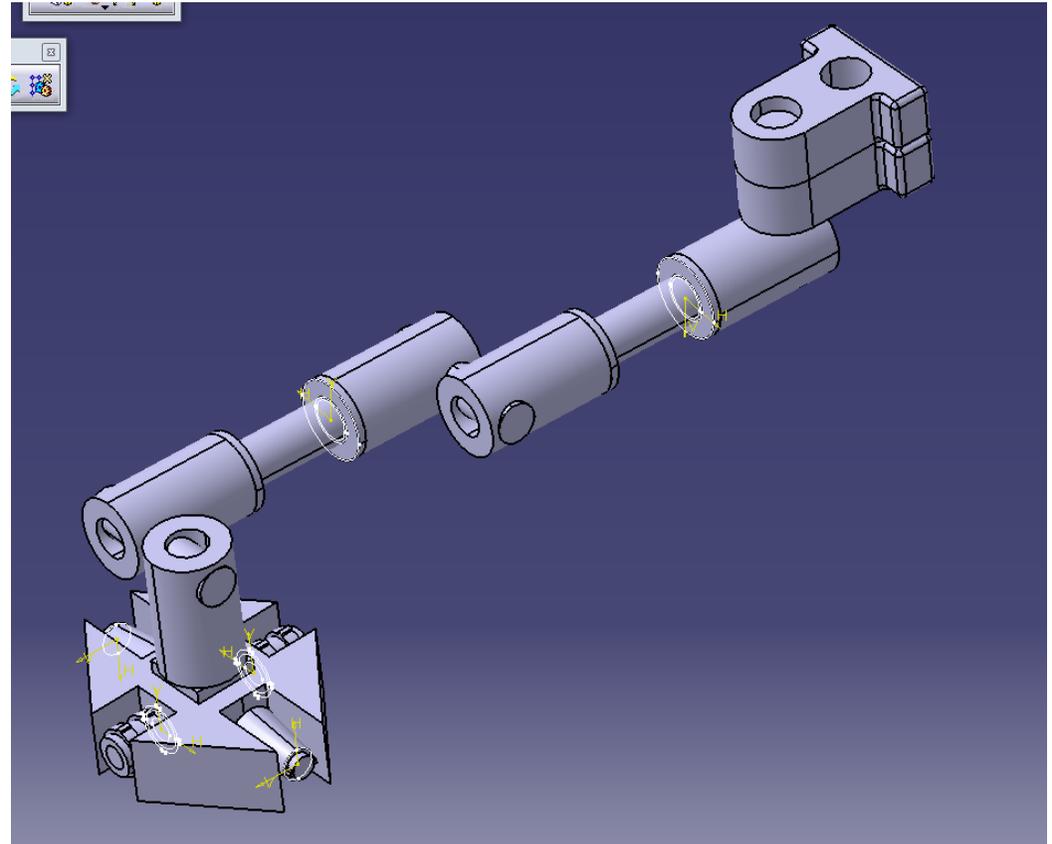


제작 과정

arm

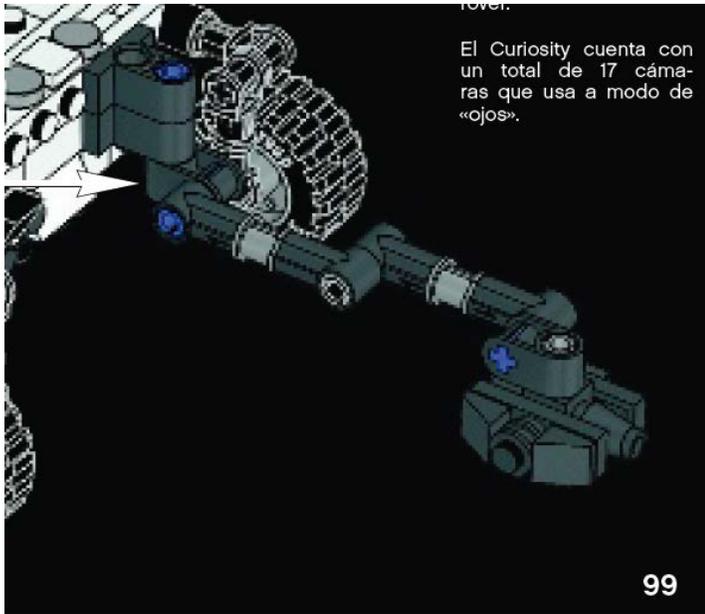


화성탐사선 큐리오시티의 arm



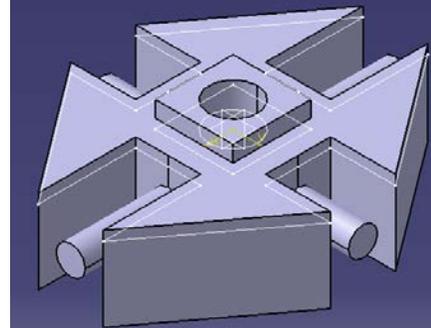
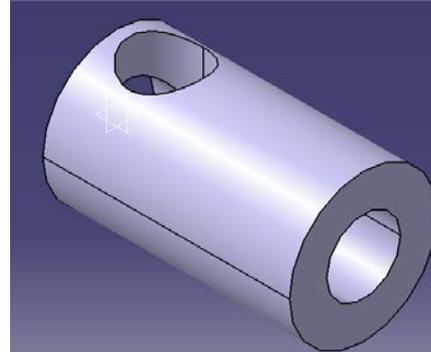
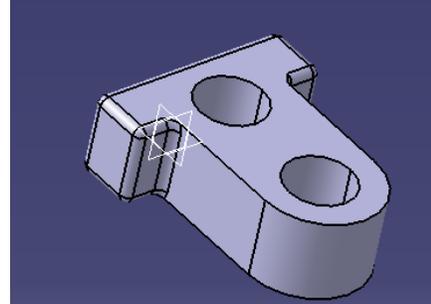
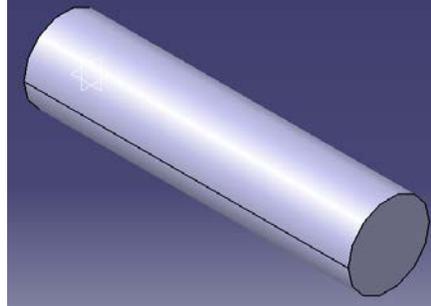
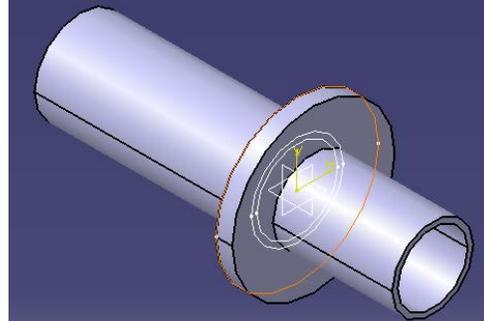
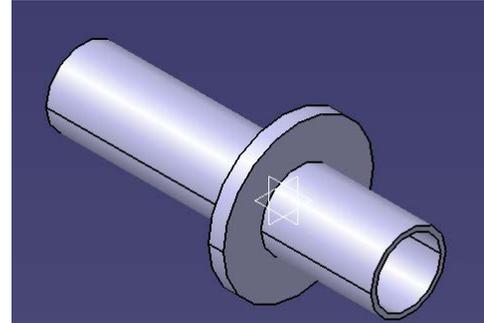
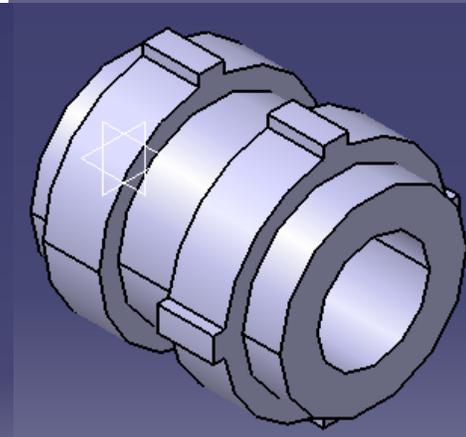
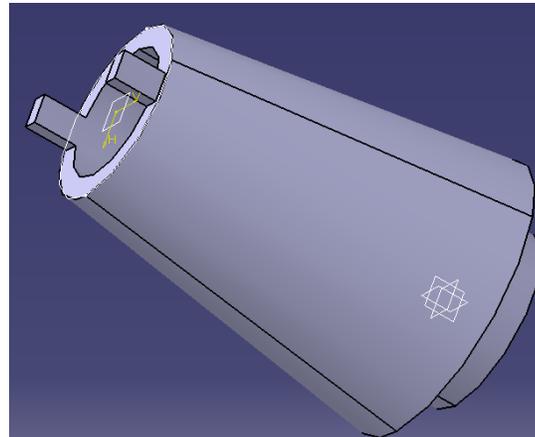
제작 과정

arm



Legosa 사용설명서

ASSEMBLY

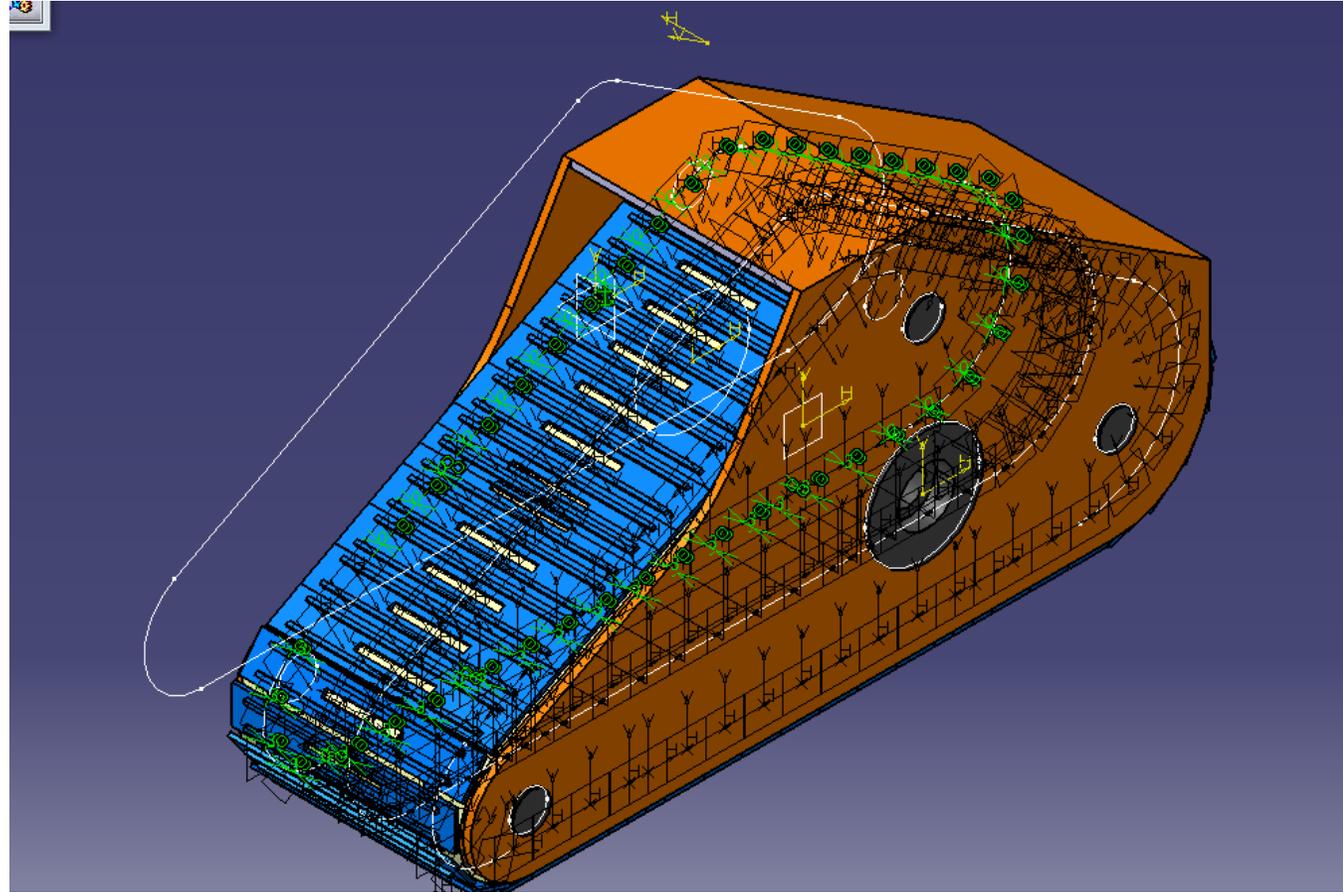


제작 과정

wheel

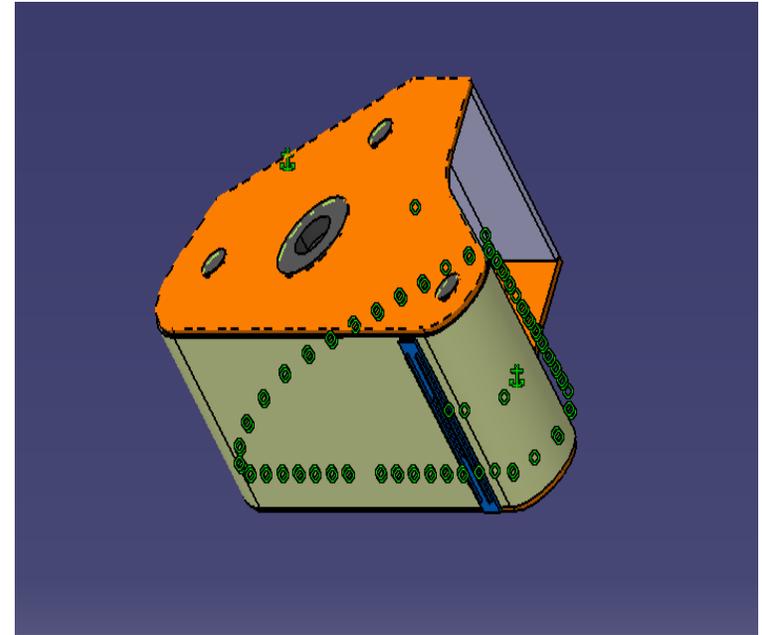
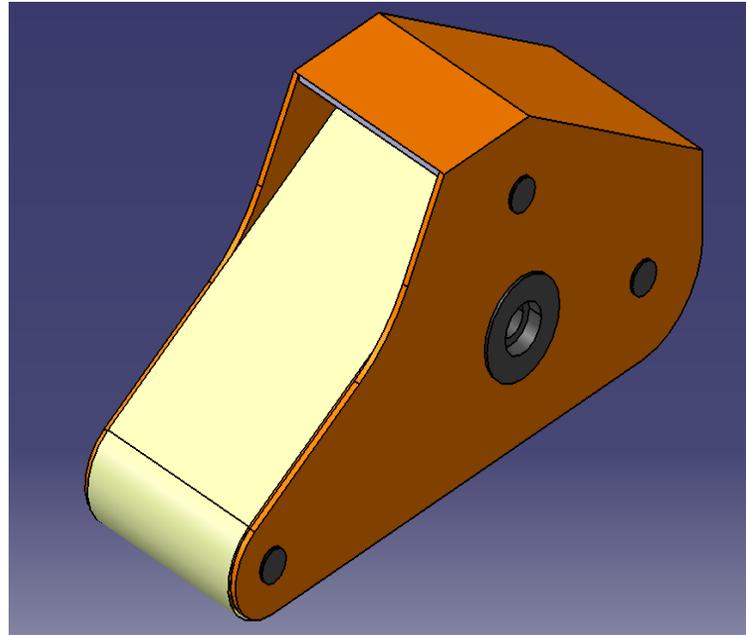
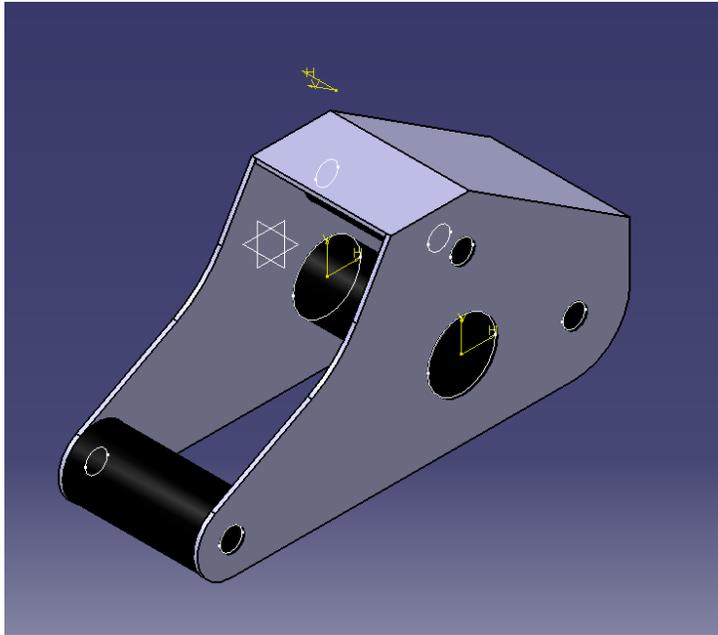


힘지나 진창에 유리한 굴삭기 바퀴



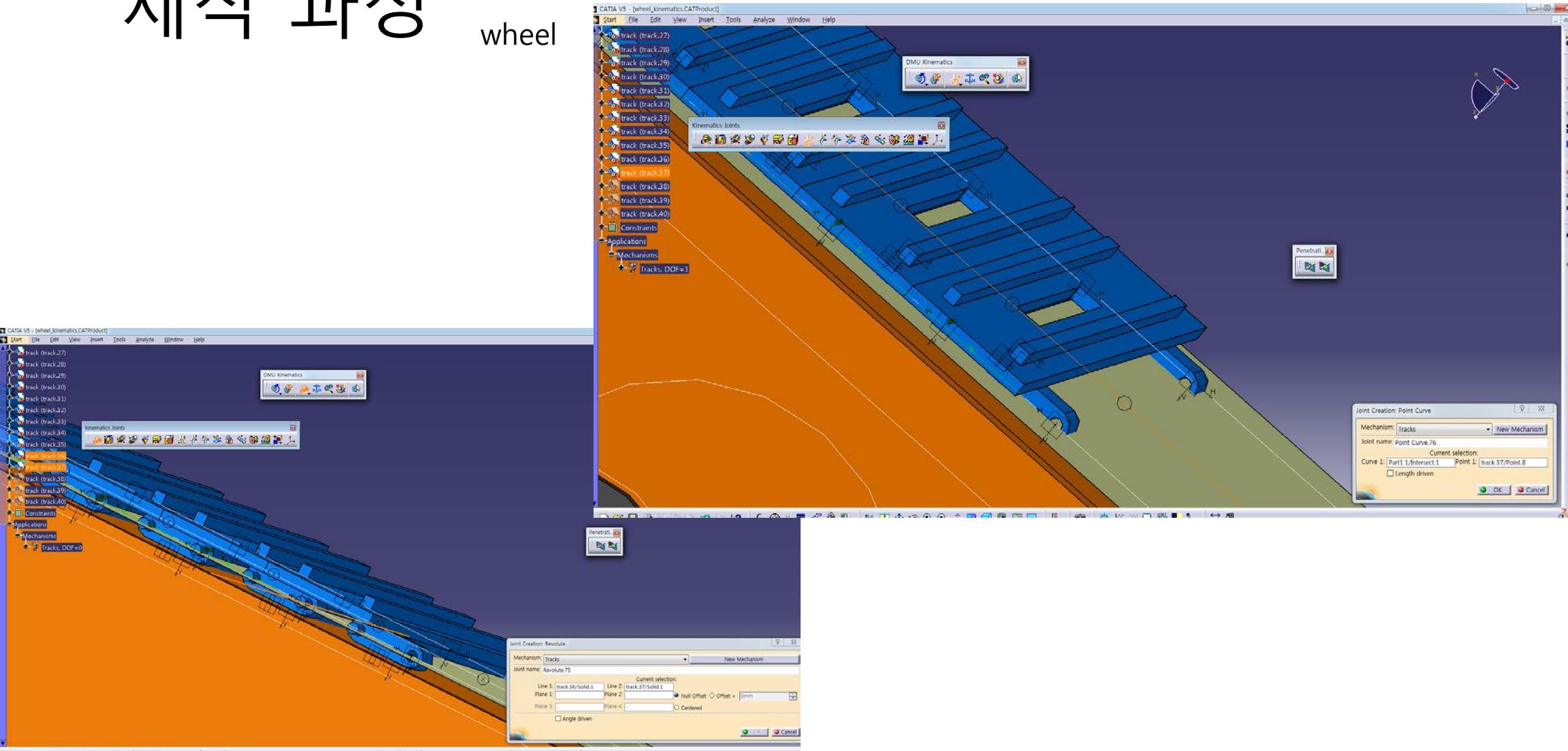
제작 과정

wheel

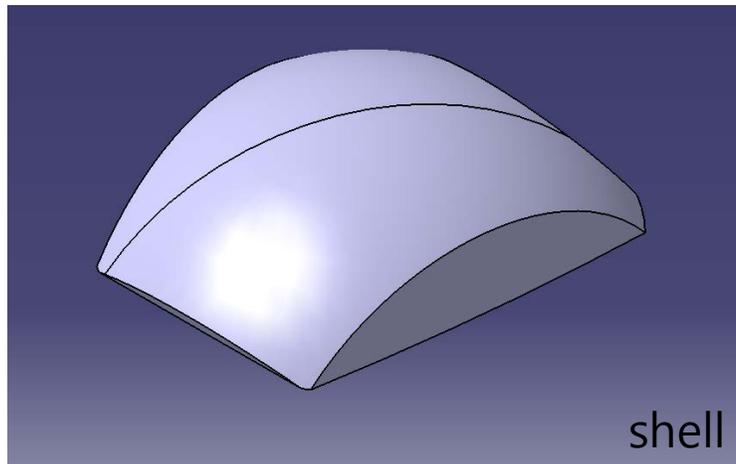
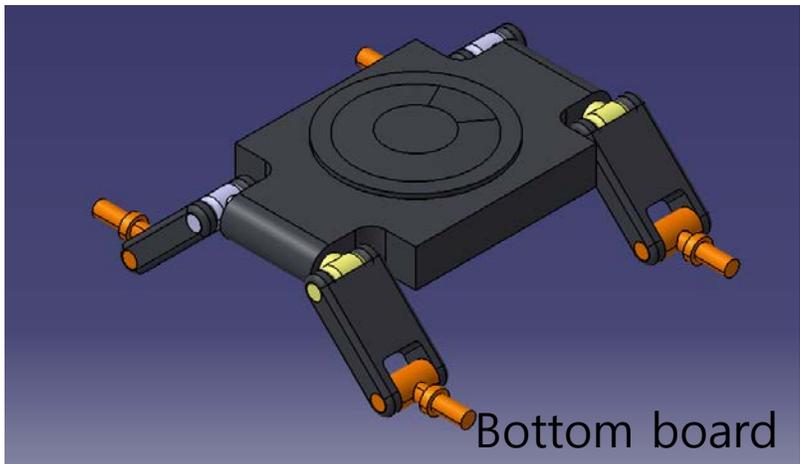
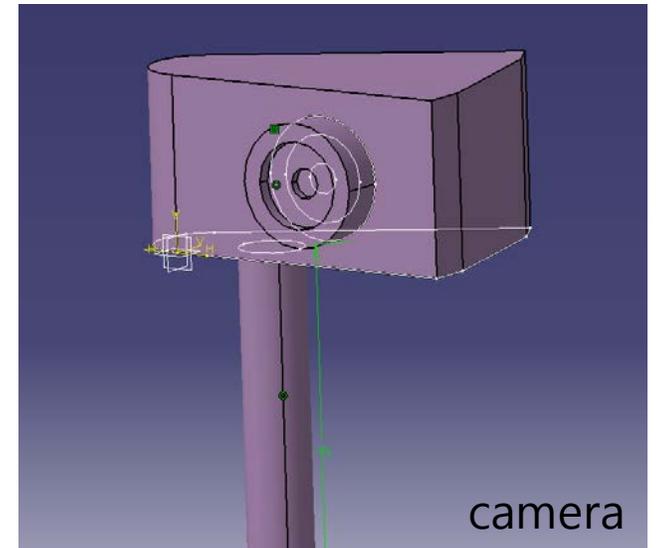
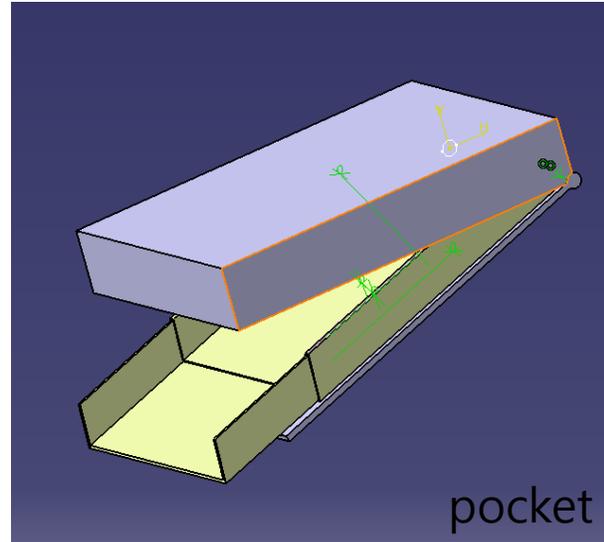
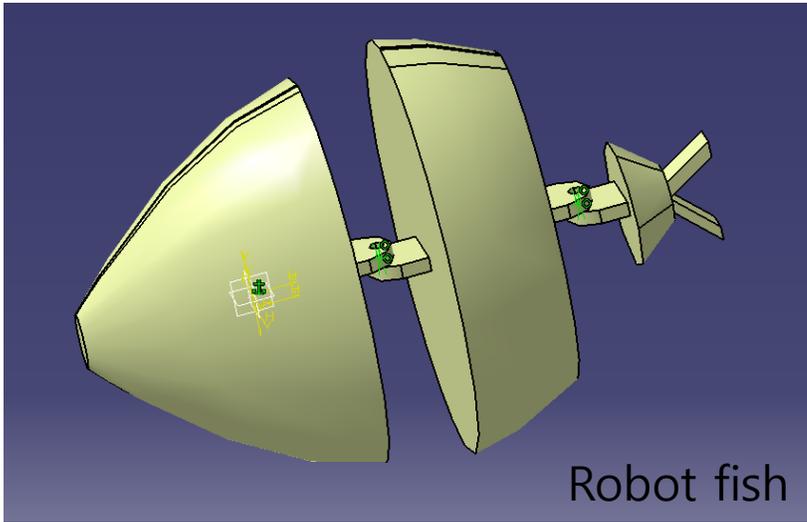


제작 과정

wheel

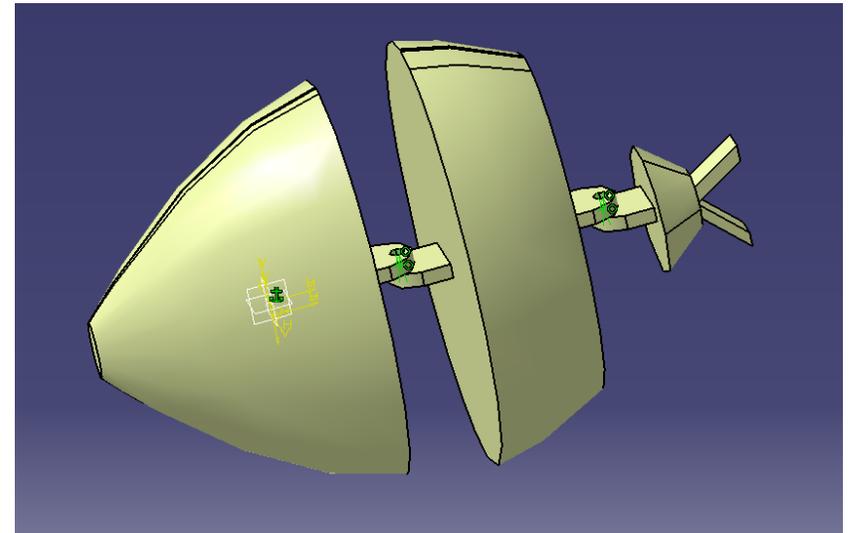
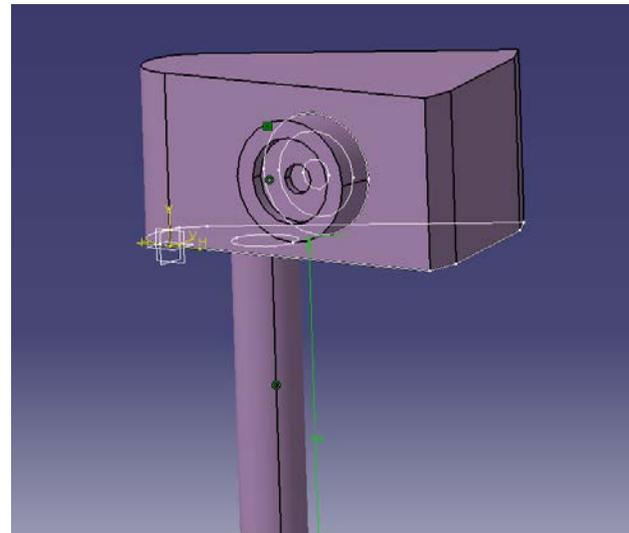
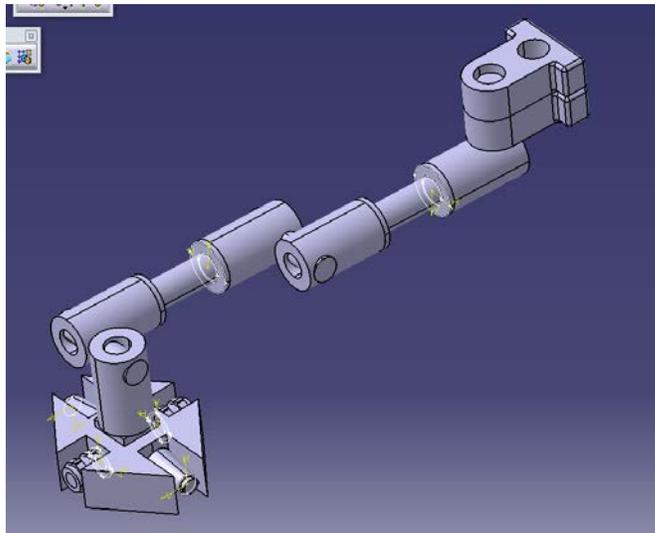
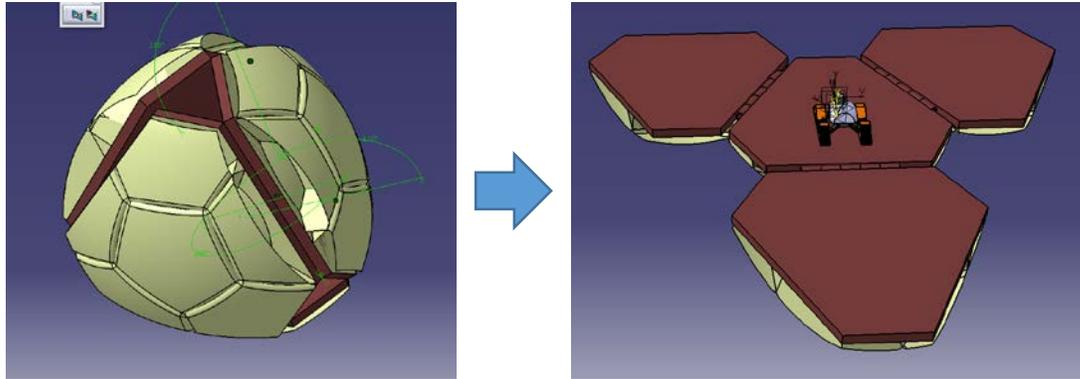


제작 과정 Etc..



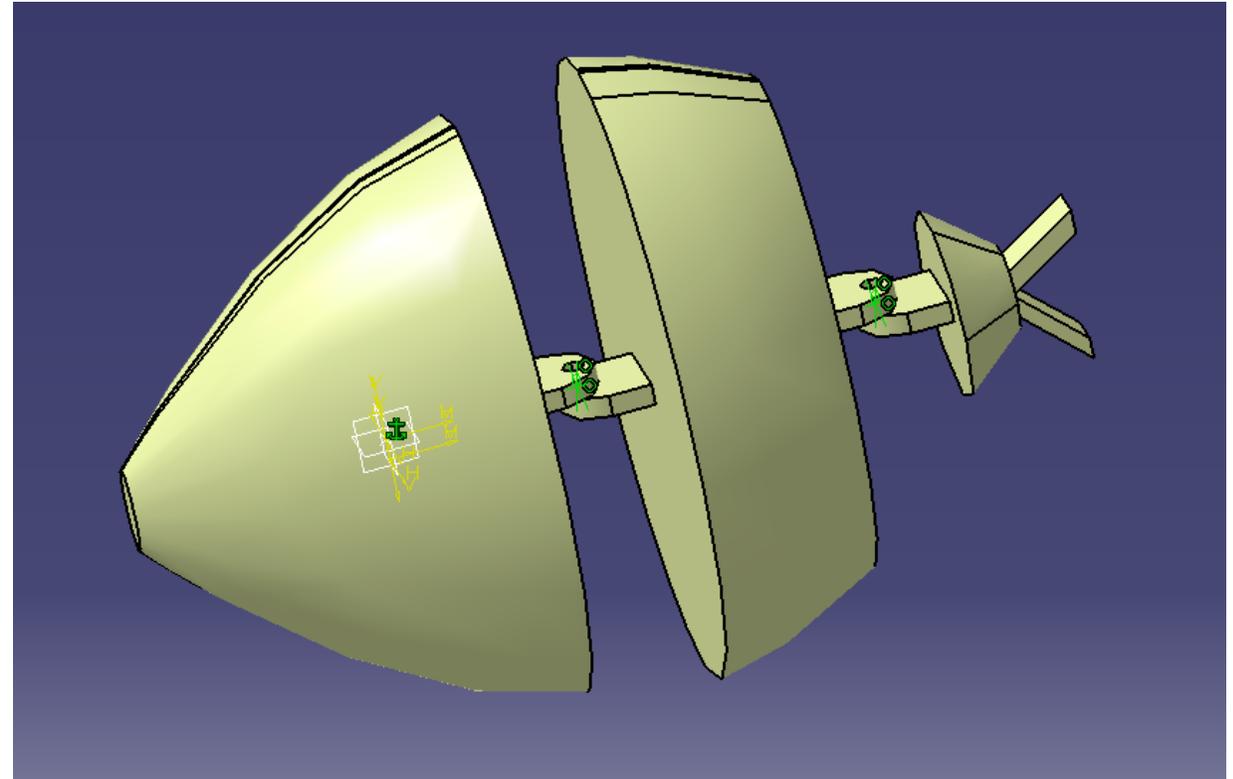
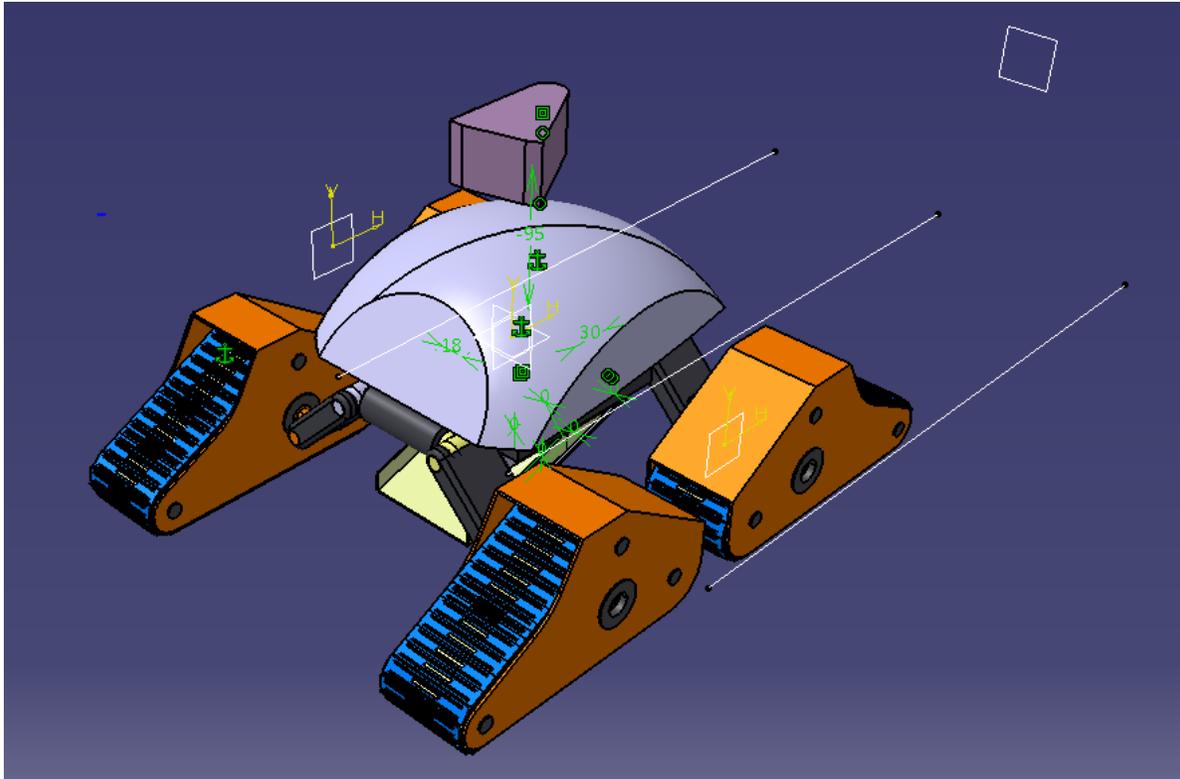
kinematics

revolute joint

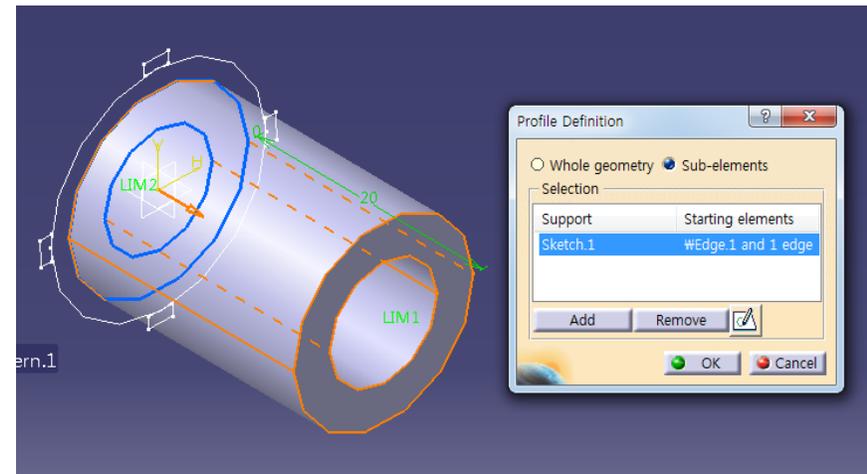
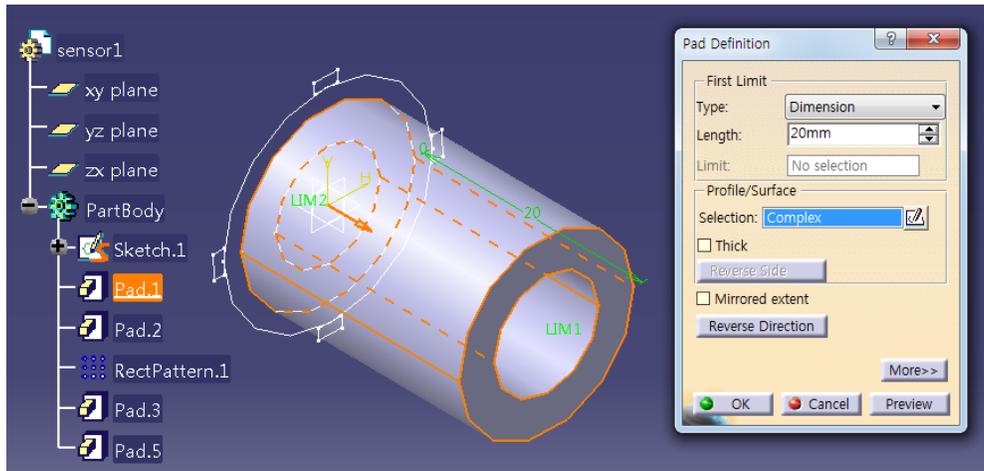
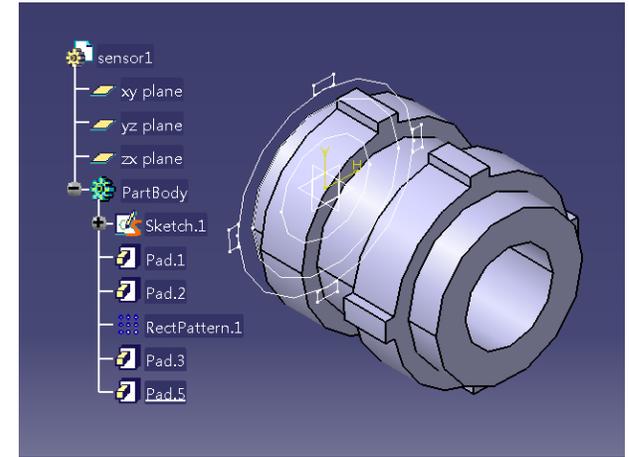


kinematics

Point curve joint



새로 알게 된 내용



힘들었던 점

- Kinematics 중 point curve joint를 설정할 때 DOF 부분이 처음에는 0이었다가 저장 후 다시 열었을 때 undefine이 되어 고생이 많았다.

조원이 각자 맡은 역할

- 한창희 ; PLAN, DESIGN, KINEMATICS
- 김동우 ; IDEA, DESIGN, PPT

제출기한 30분전 컴퓨터가 갑자기 꺼지는 관계로 동영상은 첨부하지 못했습니다.