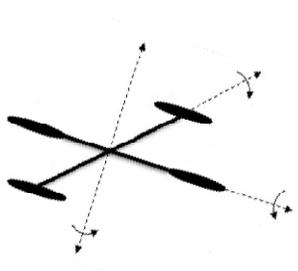
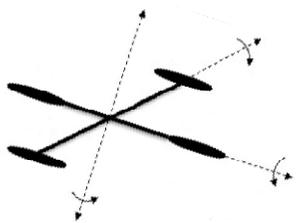

MATLAB



-강사 : 민형기

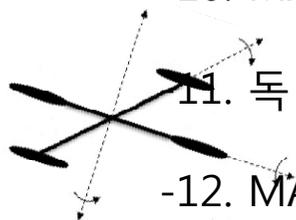
-E-mail : pinkwink.korea@gmail.com

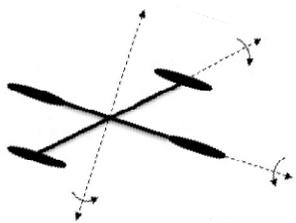
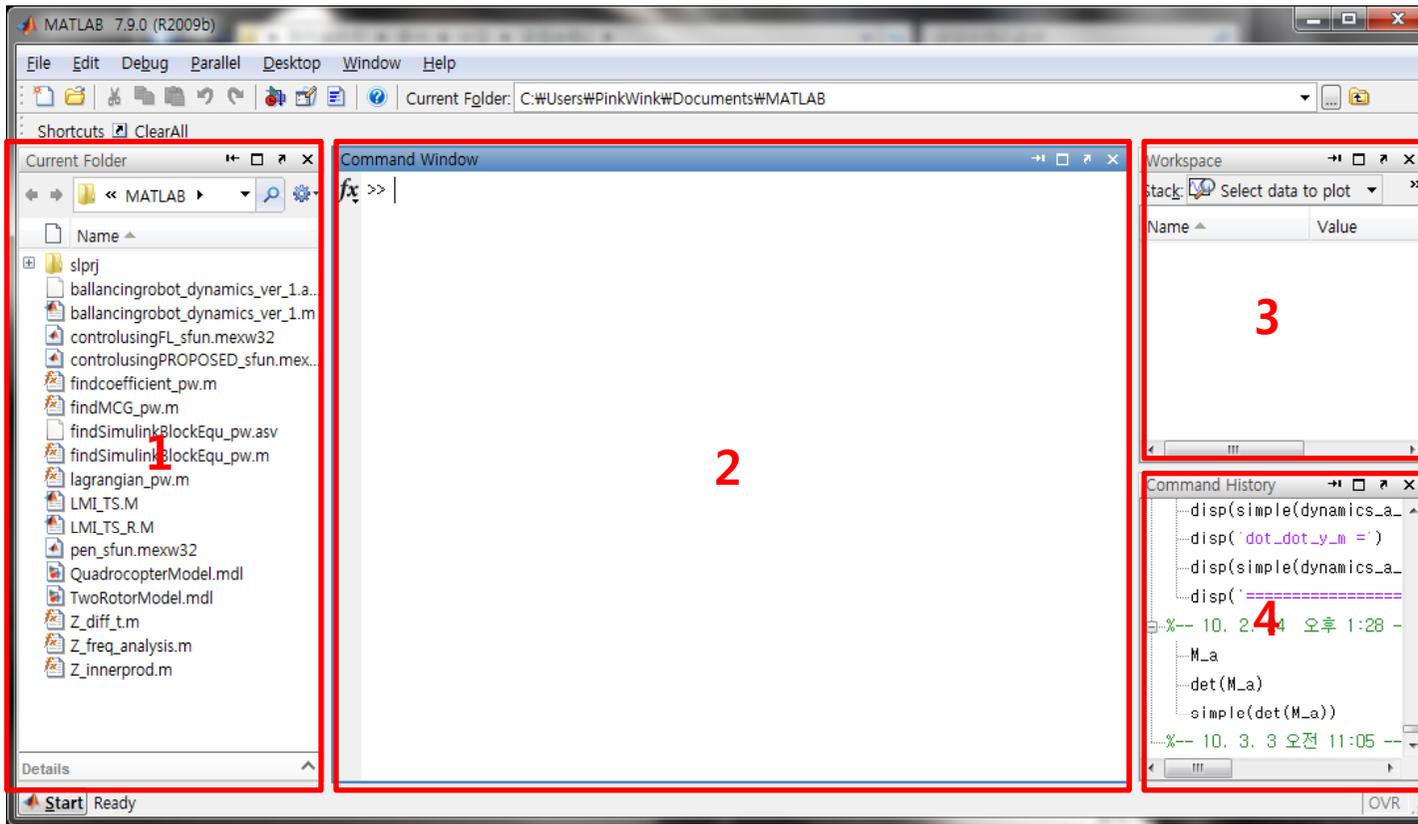
-Version : MATLAB 7.9.0 (R2009b)

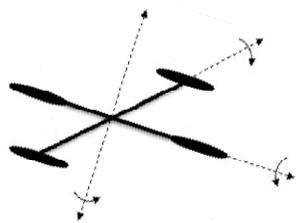
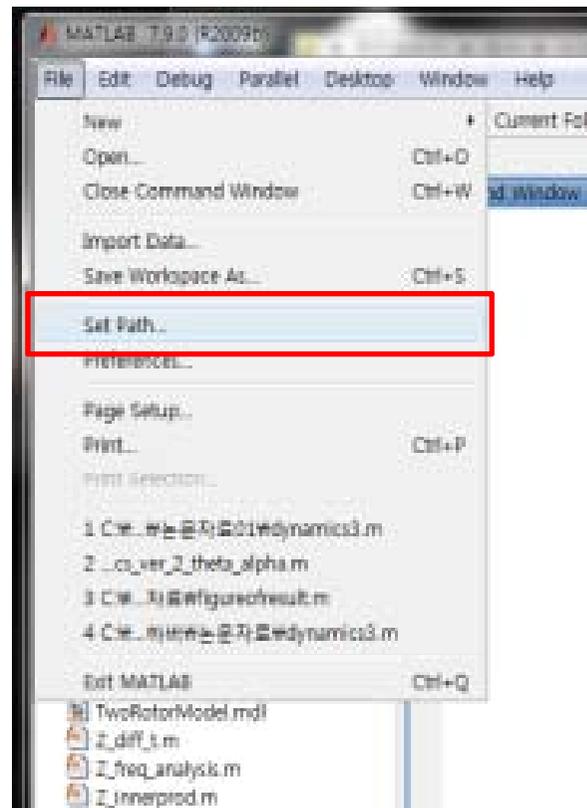


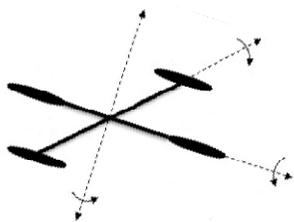
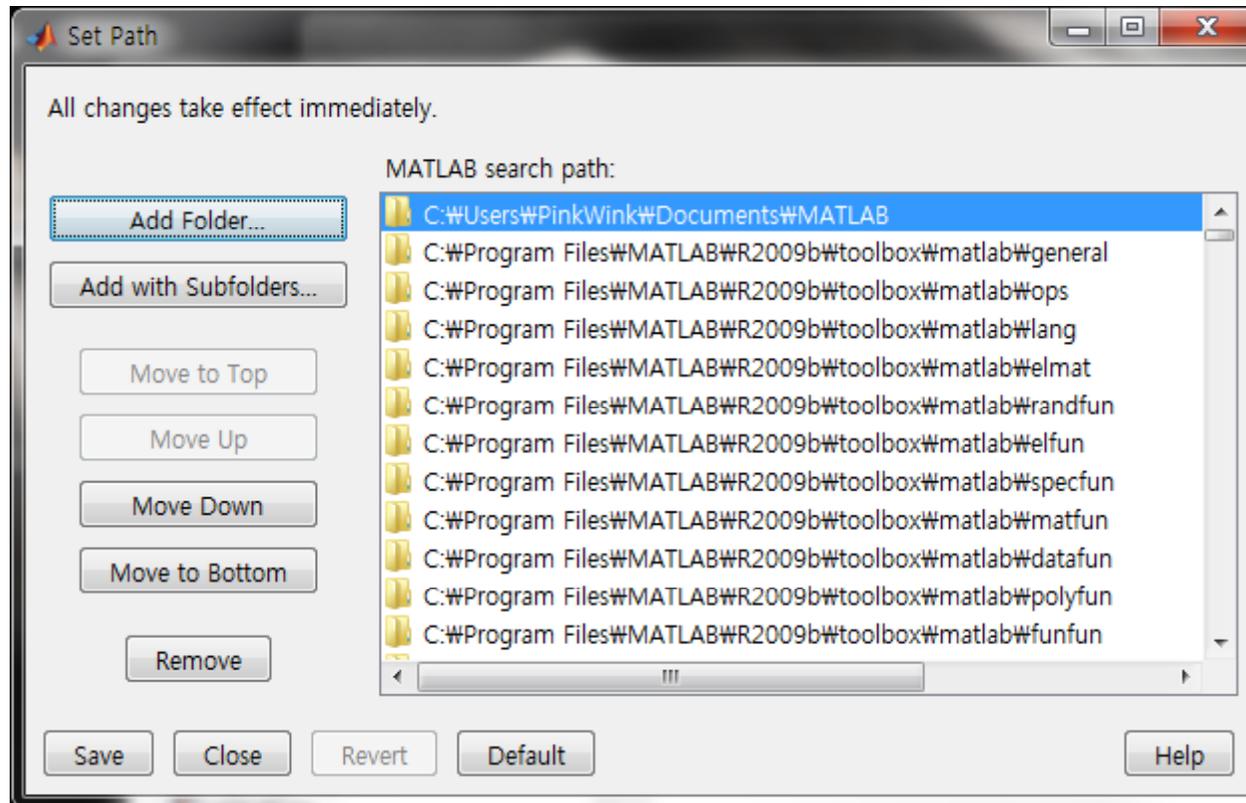
-수업진도

- 1. MATLAB 소개 및 각 Window 사용법
- 2. M-file을 사용한 프로그래밍 및 기초 행렬연산법. 데이터의 그래픽 출력법
- 3. 조건문 및 반복문의 사용. 데이터의 저장 및 읽기
- 4. Simulink의 기초
- 5. Simulink를 이용한 시뮬레이션 환경 구축
- 6. GUI 환경 구축 및 간단한 Animation 기법
- 7. 시뮬레이션 응용 예제 (1/2)
- 8. 시뮬레이션 응용 예제 (2/2)
- 9. MATLAB을 이용한 Filter 설계 (1/2)
- 10. MATLAB을 이용한 Filter 설계 (2/2)
- 11. 독립실행 환경 구축 및 C-generation
- 12. MATLAB을 이용한 종합 응용 예제









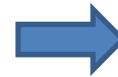
- 세미콜론 (;)

```
Command Window
>> a=1

a =

     1

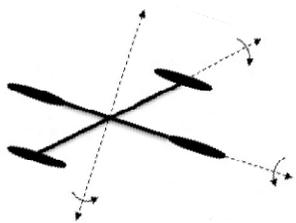
>> b=1;
fx >> |
```



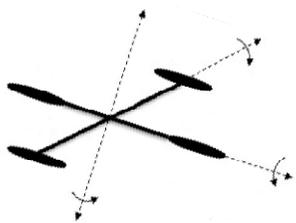
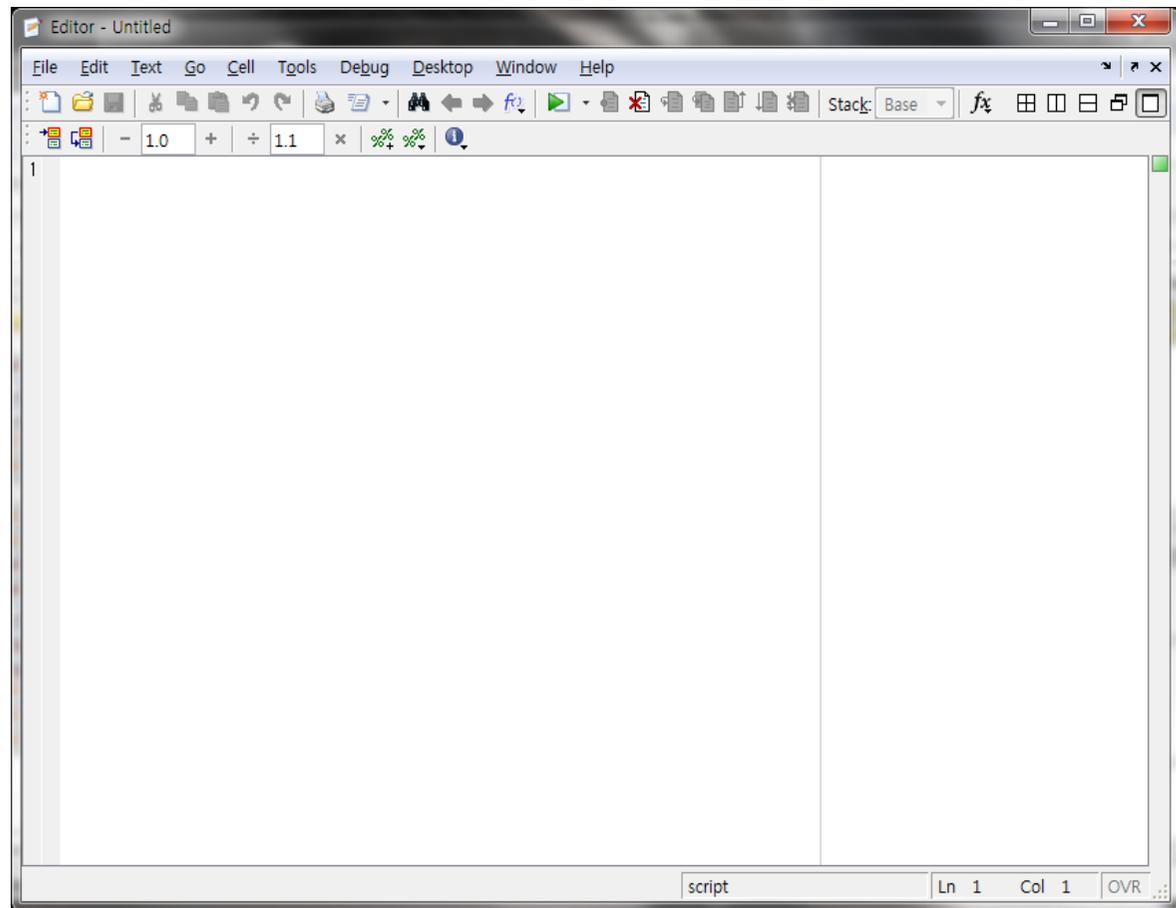
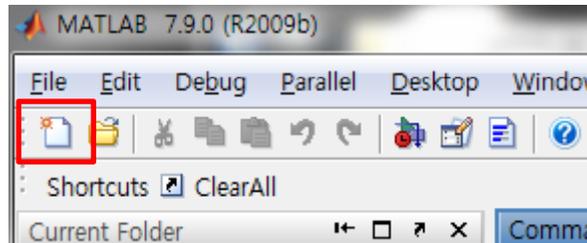
Workspace

Stack: Select data to plot

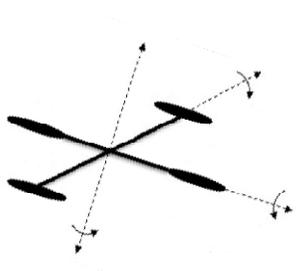
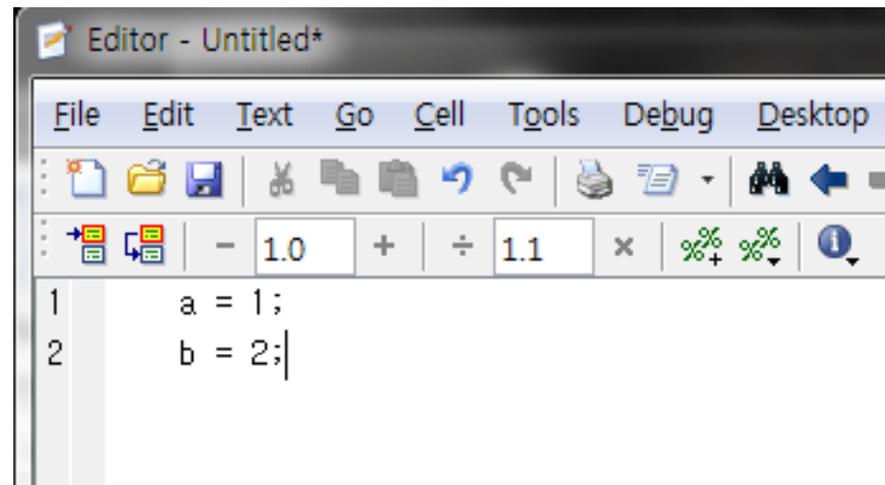
Name	Value
a	1
b	1



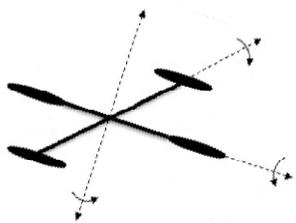
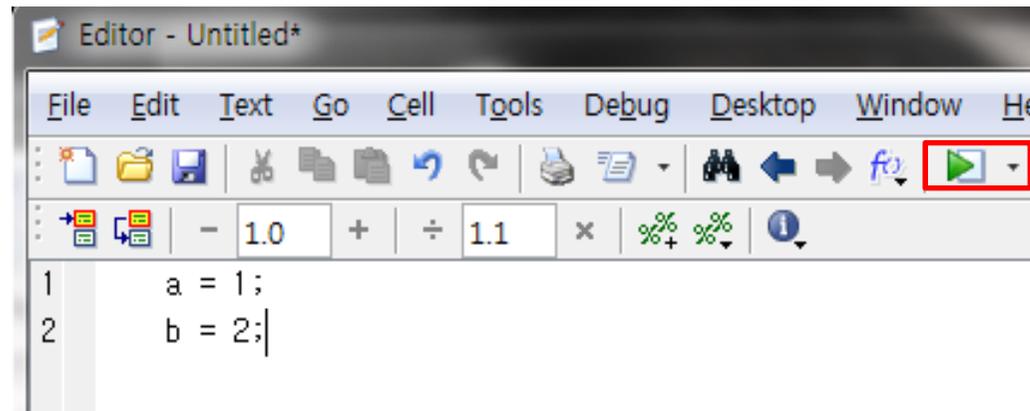
- Edit Window 사용



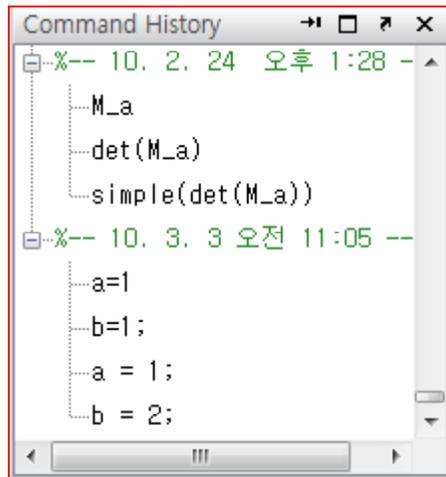
- F9의 사용



- Save and Run 버튼의 사용



- Command History



```
Command History
- %-- 10. 2. 24 오후 1:28 --
  M_a
  det(M_a)
  simple(det(M_a))
- %-- 10. 3. 3 오전 11:05 --
  a=1
  b=1;
  a = 1;
  b = 2;
```

