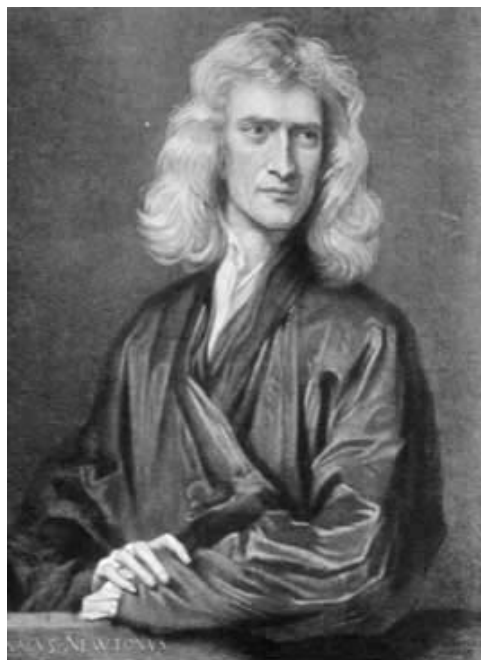


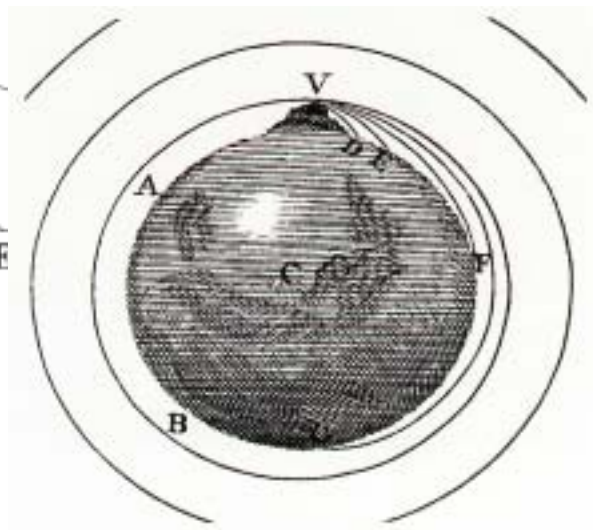
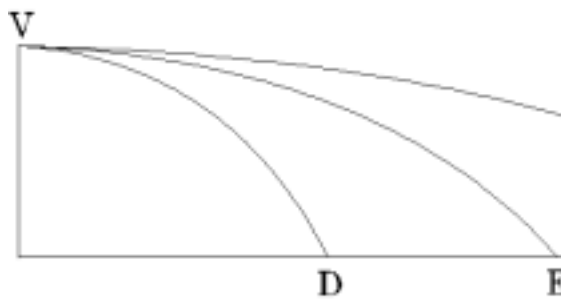
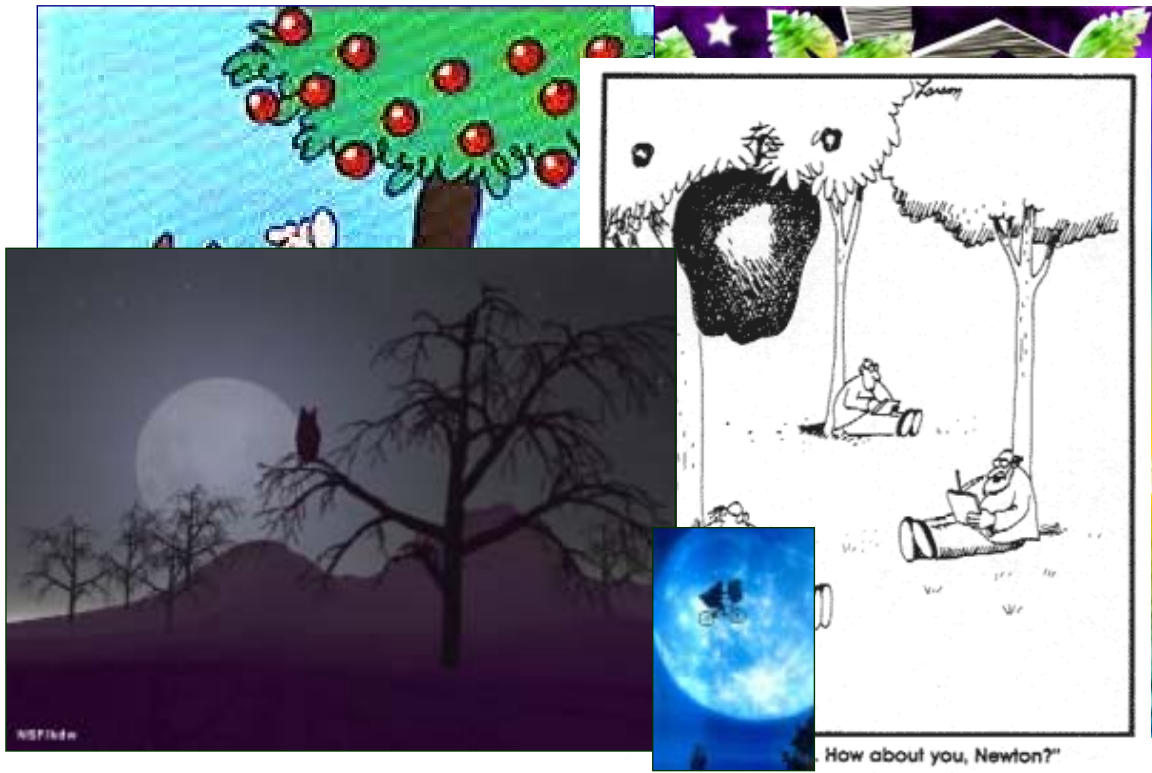
3.



(jyu@phya.snu.ac.kr)
http://phya.snu.ac.kr/~mi_ma/



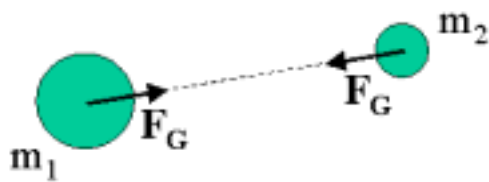
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- m_1, m_2 가 r :

$$F_G = \frac{Gm_1m_2}{r^2}$$

$$G = 6.67 \times 10^{-11} \text{N} \cdot \text{m}^2/\text{kg}^2$$



- m :

$$F_G = \frac{Gm_E m}{r_E^2} = \left(\frac{Gm_E}{r_E^2} \right) m = mg \quad \left(\frac{Gm_E}{r_E^2} \right) \equiv g = 9.80 \text{m/s}^2$$

가? , 가?

- NASA Jumbo 747 transport with piggyback Space Shuttle



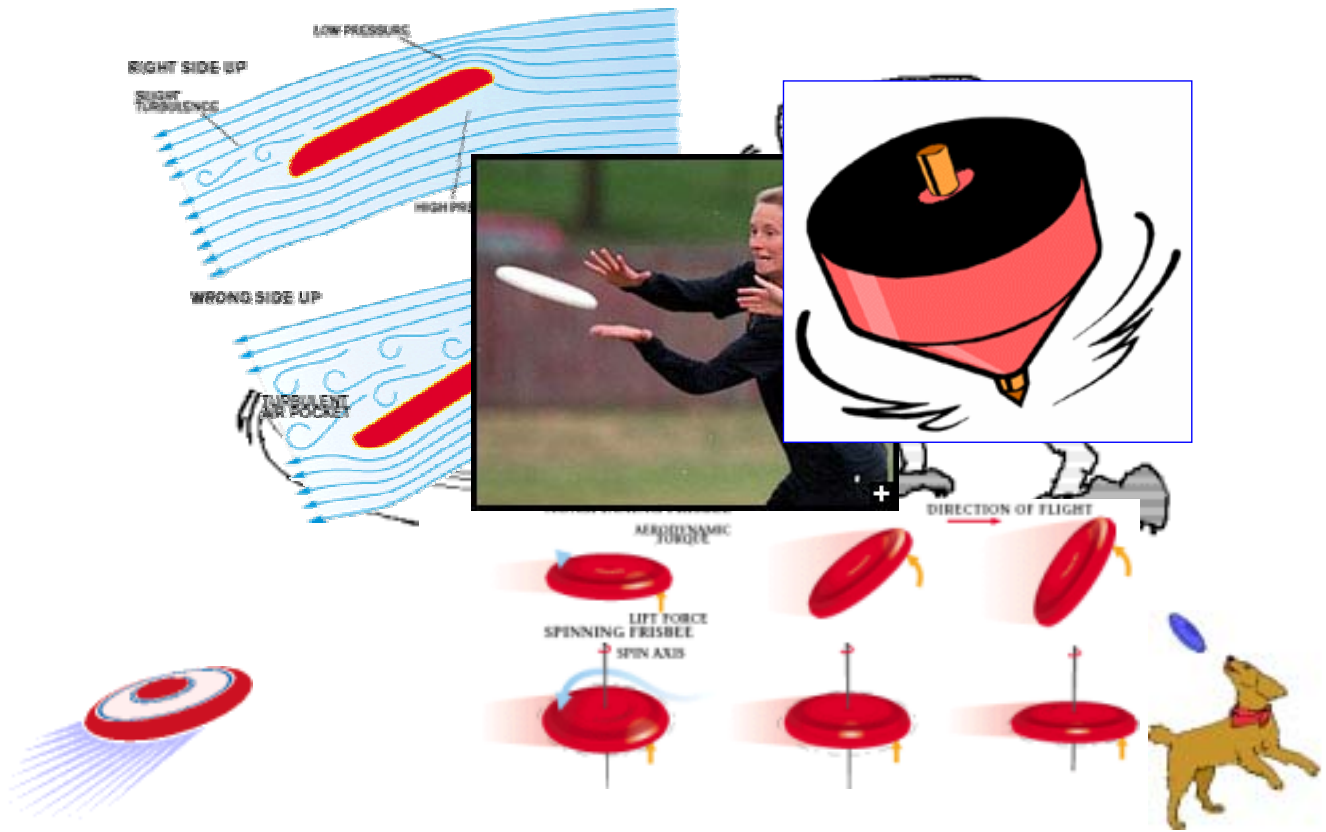
- Shuttle in space



- Shuttle launching



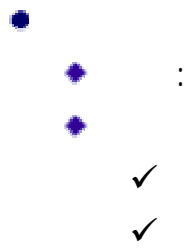
Frisbee



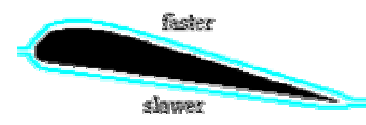
#2



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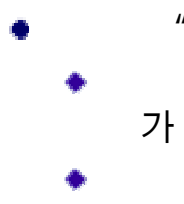


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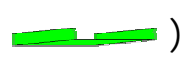
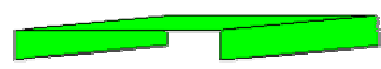


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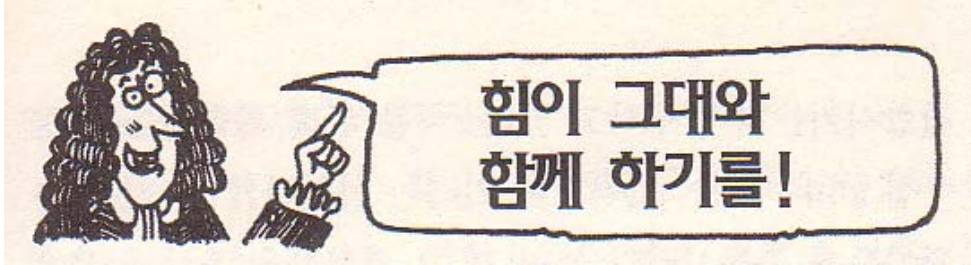
→ : <http://www.amasci.com/wing/airfoil.html>



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힘이 그대와
함께하기를!