

## 流體

### Sec.1

- 1.5 g/cm<sup>3</sup>
- O.X.X.O.X.X
- 氣球向右偏斜，角度為  $\tan^{-1} \frac{a}{g}$
- 90cc
- (a)0.2π  
(b)是
- B>A>C
- 1g/cc
- $(\rho_2 - \rho_1) : \rho_1$

### Sec.2

- (a) 0.9kgw  
(b) 5000 kgw/m<sup>2</sup>
- (a) A > C > B  
(b) B > C > A
- (a) A=B=C  
(b) A=B=C  
(c) A>C>B  
(d) A>C>B
- 1.5、+0.9、+2.5
- Lb 不變，La 變短

### Sec.3

- $$P = \frac{2T \cos \alpha + P_0 r - \rho h r g}{r}$$
- $$T = \frac{W_1 (W_1 + W_2)}{L(2W_1 + W_2)}$$
- $$T = (P_{in} - P_{Air}) * r / 4$$

### Sec.4

- 60cc
- A.D.F

流體 V0.88a

Sec.5

1. A.C
2. (a)  $2 \times 10^5 \text{ Pa}$   
(b)  $1.46 \times 10^6 \text{ Pa}$

Sec.6

1. 3cm
2.  $2PV/3RT$
3. 16416 個
4. 30cc
5. 15cc
6. 3V
7.  $477^\circ\text{C}$
8. 4cm
9. 42cc

Sec.7

1. 1 倍
2. 1.4 倍