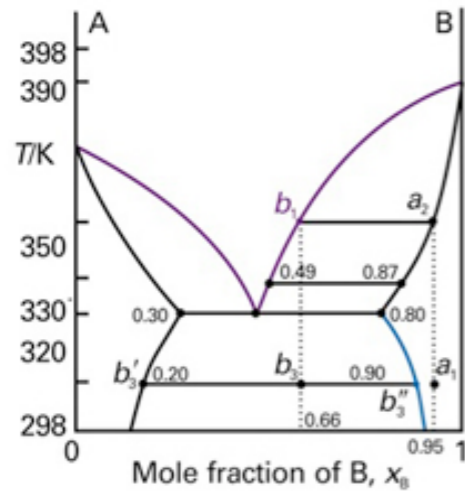


Wednesday, September 23



Last Time:

- The second law & entropy
- Entropy and spontaneity

Today:

- Recap
- Calculations of ΔS for reversible & irreversible processes
- Entropies as a function of T

Readings:

- Levine 3.2–3.7, 5.7

Handouts:

Reminders:

- Homework 4 due Monday

<http://titania.stockton.edu/pchem>

Figure 5.2

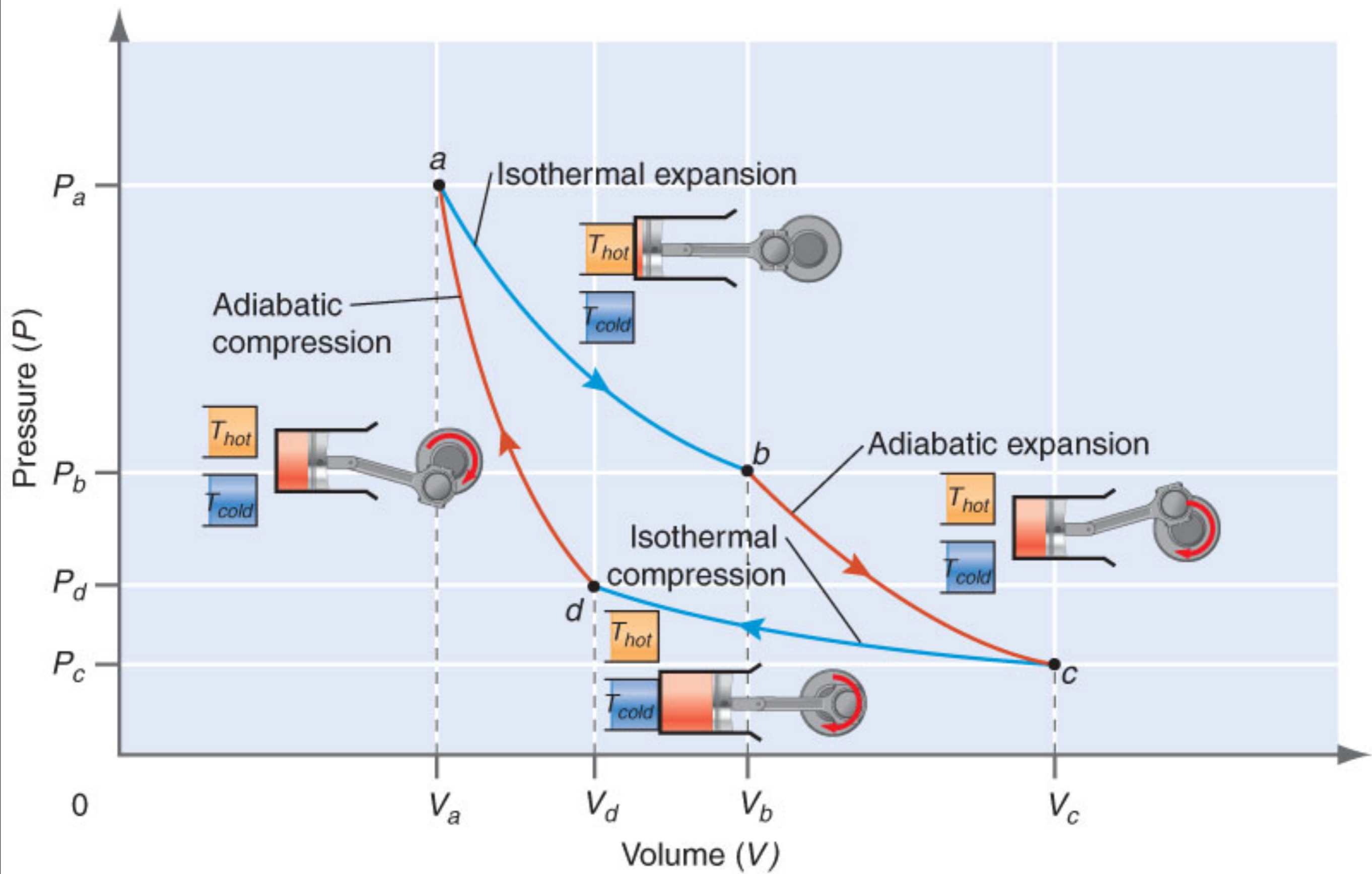
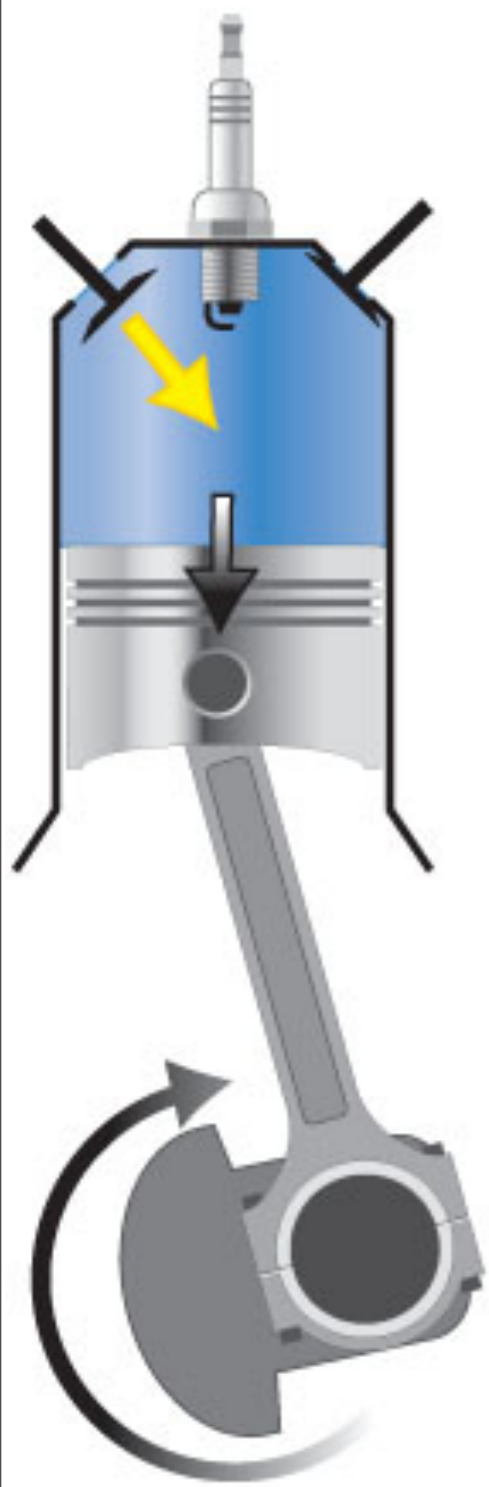


Figure 5.14



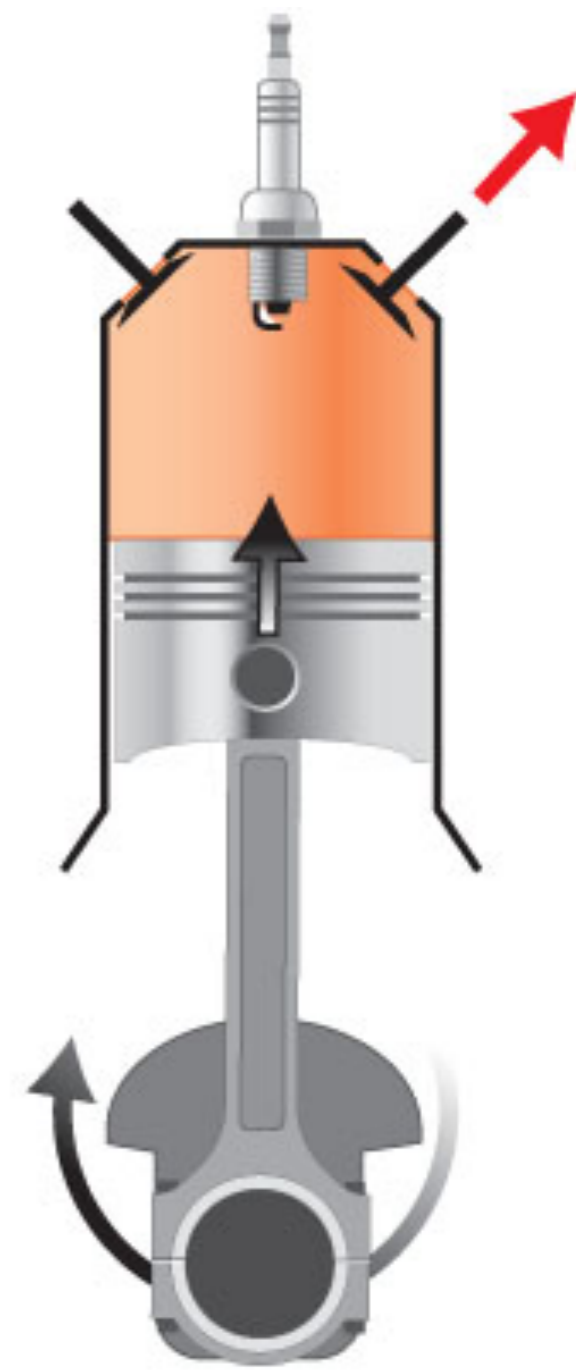
Intake



Compression

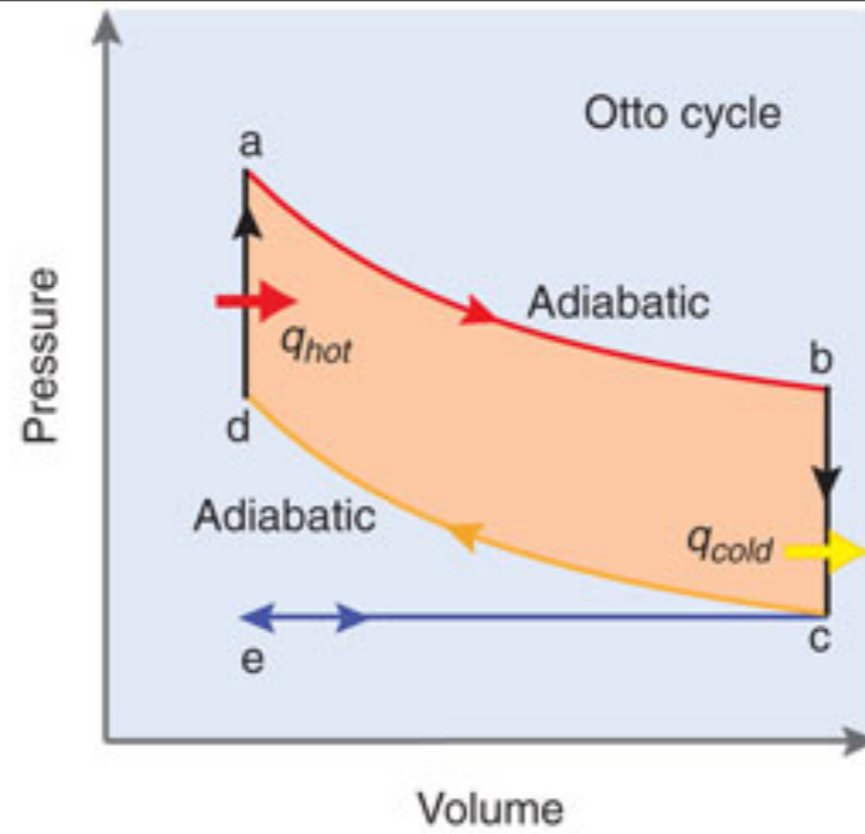


Power

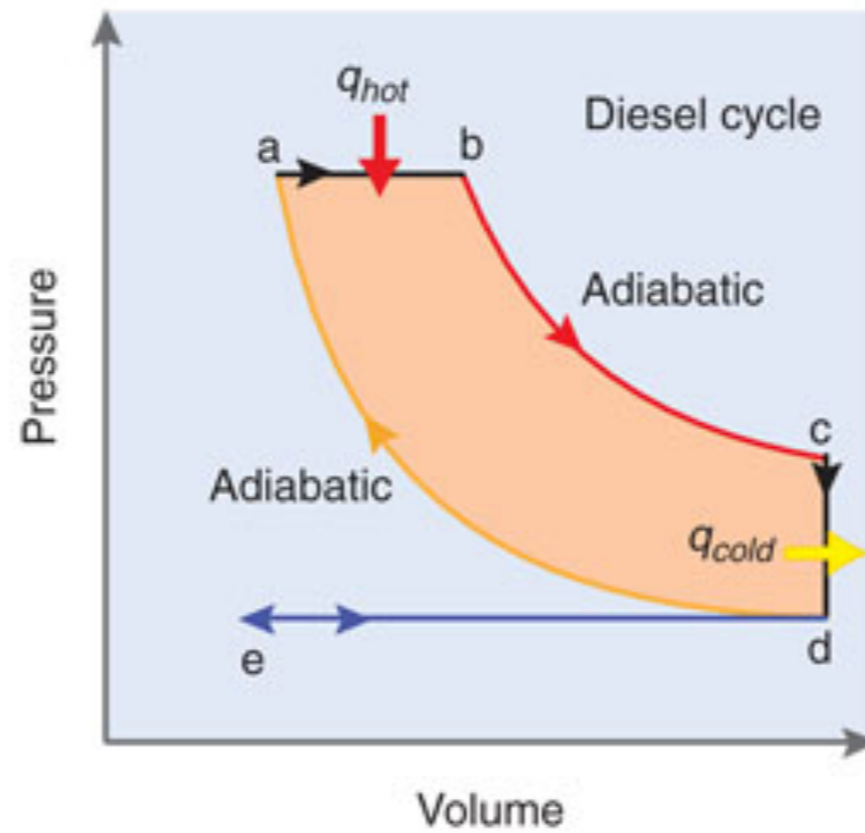


Exhaust

Figure 5.15



(a)



(b)