

林盈廷

高雄醫學大學

生命科學院

生物科技學系 助理教授

第一教學大樓 N1038 室

校內分機：2792

ytlin@kmu.edu.tw

Y. T. Lin's Presentation

Biophysical Chemistry

Y. J. Lin's Presentation

Reference Books

- Physical Chemistry for the Life Sciences
(Engel, Drobný and Reid)
- Physical Chemistry for the Life Sciences
(Atkins and de Paula)
- Biophysical Chemistry
(James P. Allen)
- Biochemistry
(Berg, Tymoczko and Stryer)

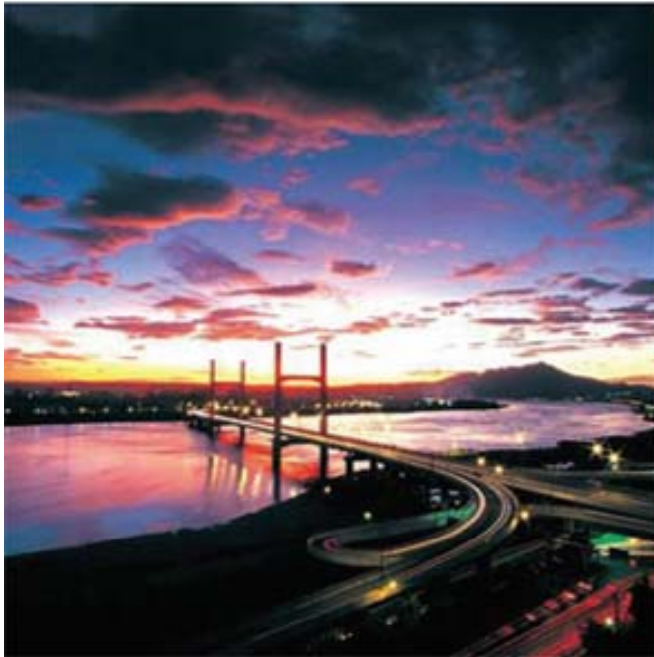
Y. J. Lin's Presentation

Lecture

Particle and Wave



Y. J. Lin's Presentation



g. 2023 Presentation



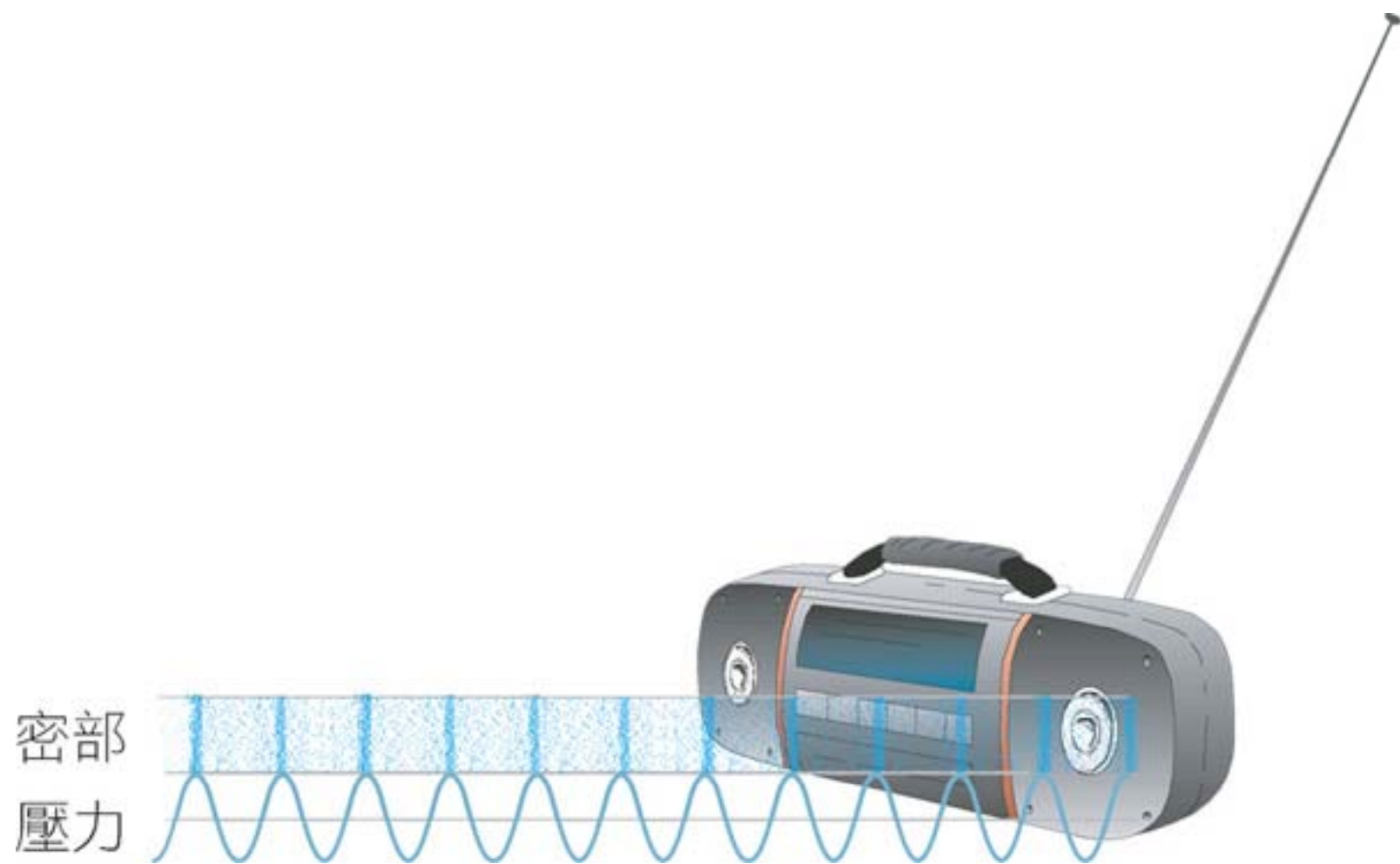
tation



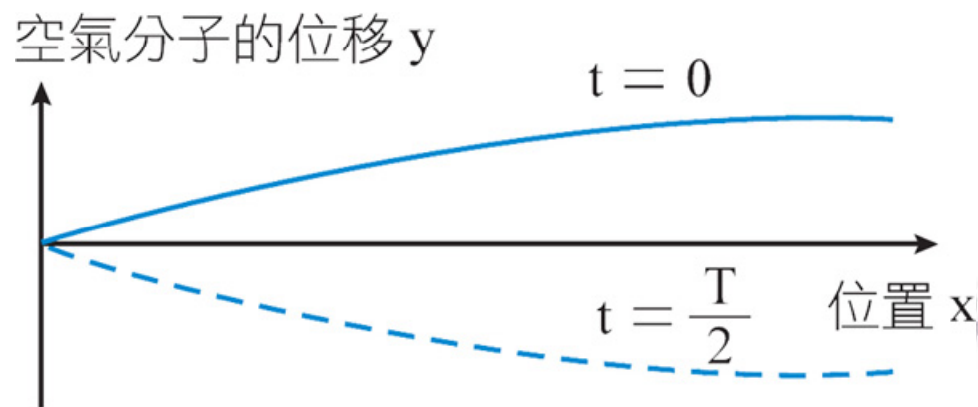
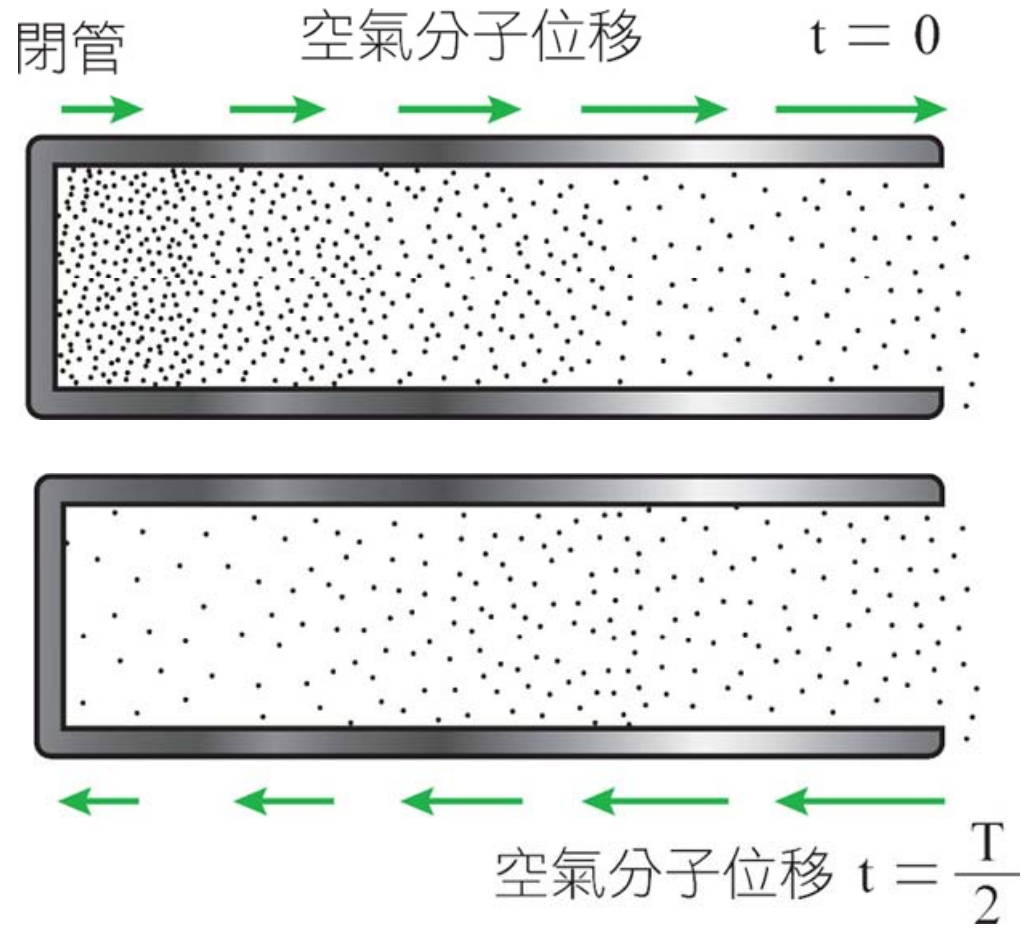
Y. J. Lin's Presentation



Y. J. Lin's Presentation

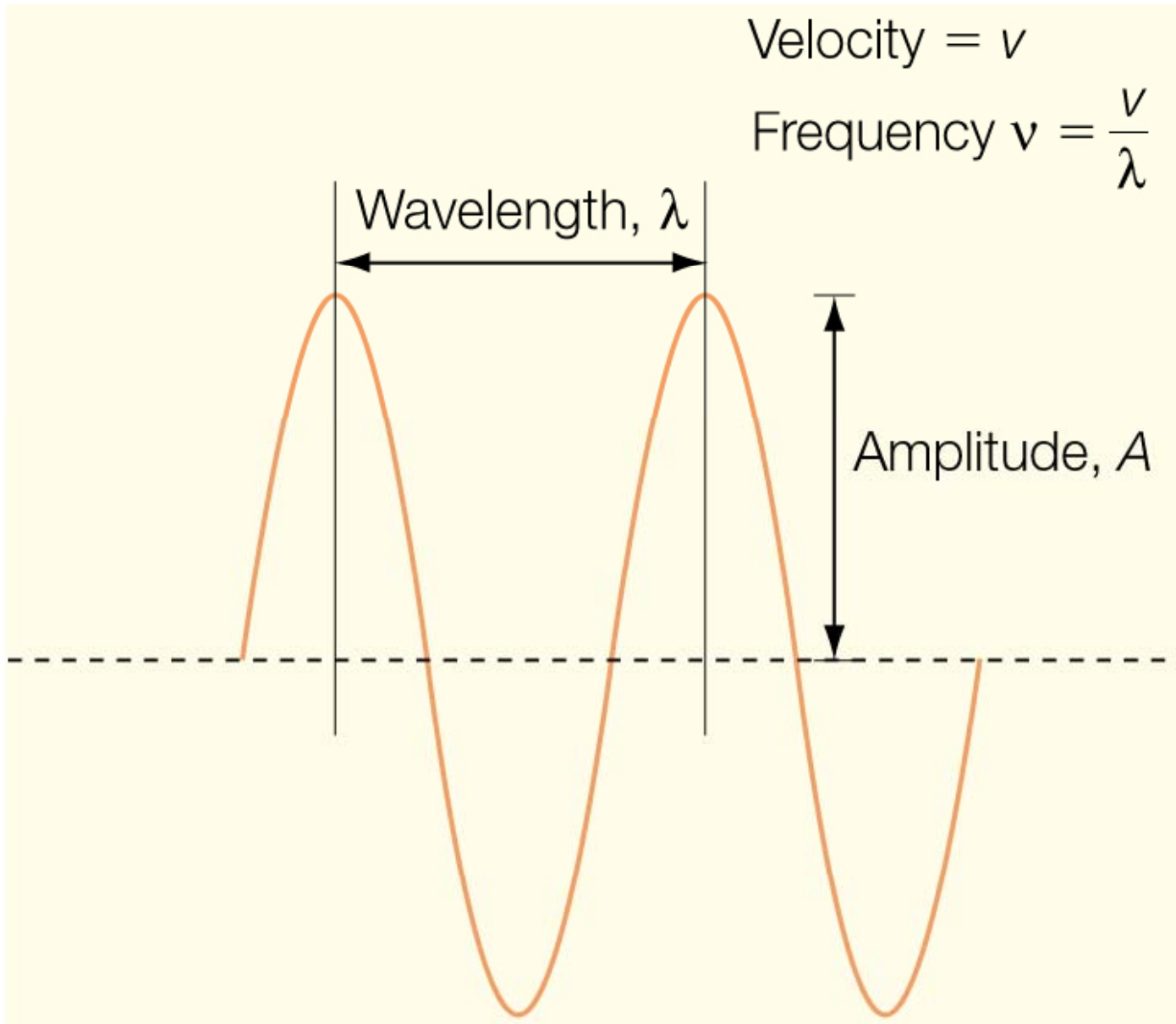


Y. J. Lin's Presentation



resentation

Wave



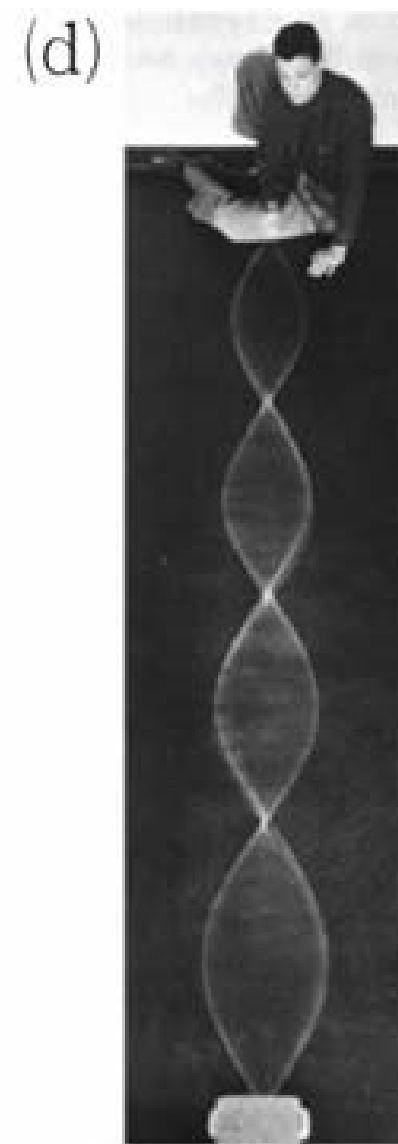
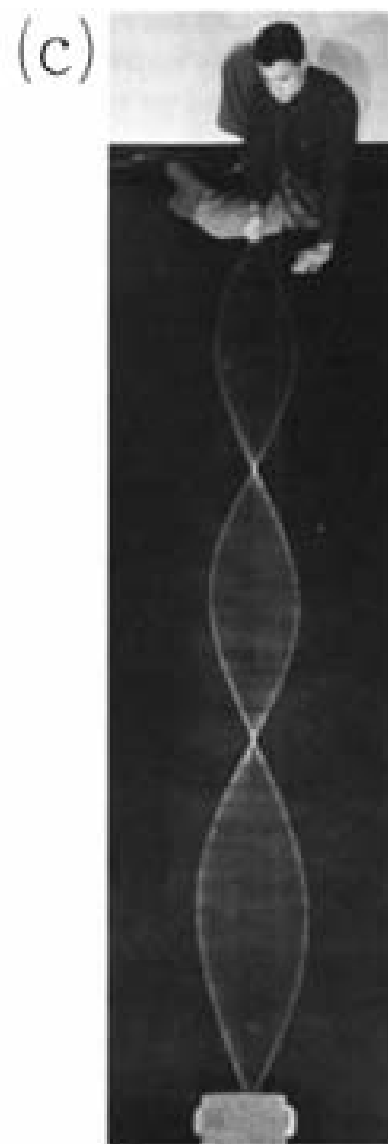
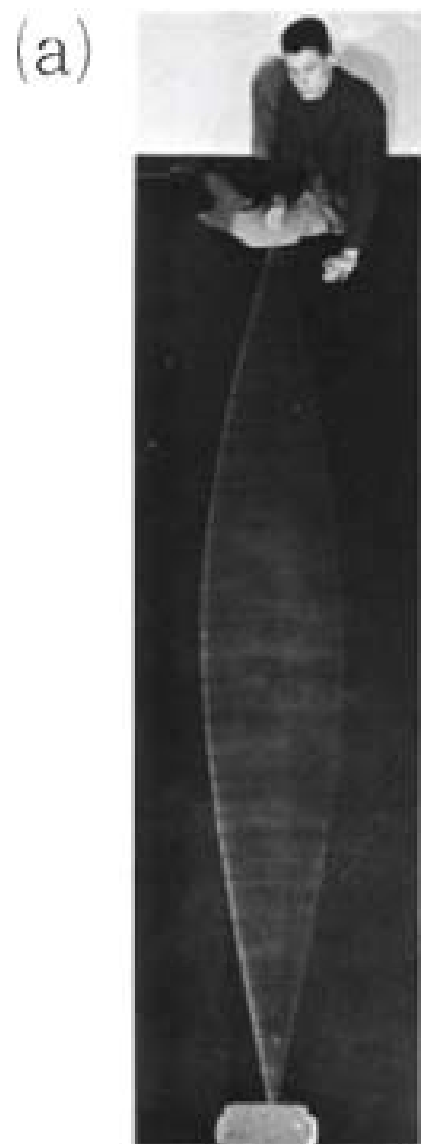
station

Sound

Y. T. Lin's Presentation



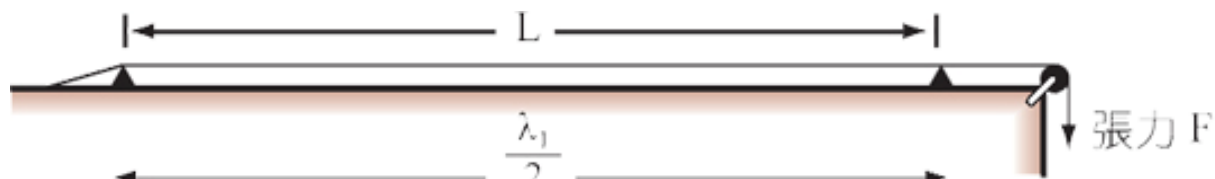
y. 2022 presentation



Y. J. Lin's Presentation



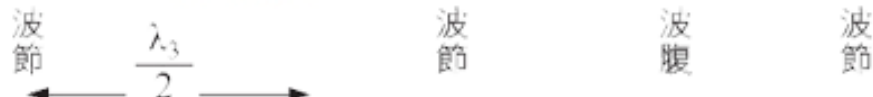
Y. J. Lin's Presentation



(a) **基本振動** $L = \frac{1}{2} \lambda_1, \lambda_1 = 2L, f_1 = \frac{v}{2L}$

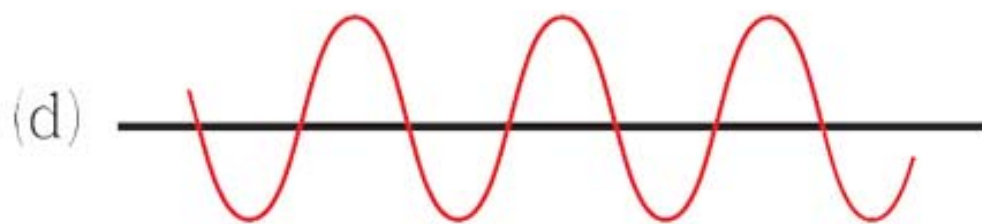


(b) **2 倍振動** $L = \frac{2}{2} \lambda_2, \lambda_2 = L, f_2 = \frac{2v}{2L}$

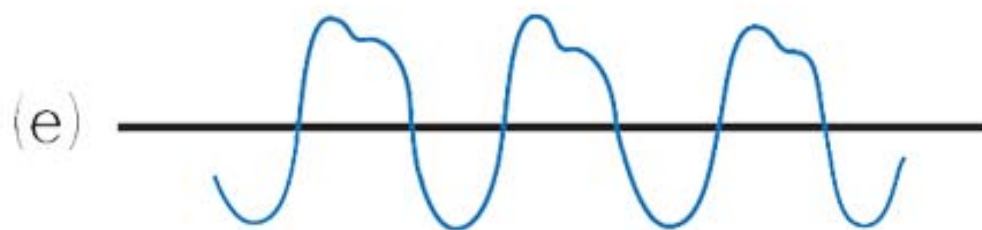


(c) **3 倍振動** $L = \frac{3}{2} \lambda_3, \lambda_3 = \frac{2}{3} L, f_3 = \frac{3v}{2L}$

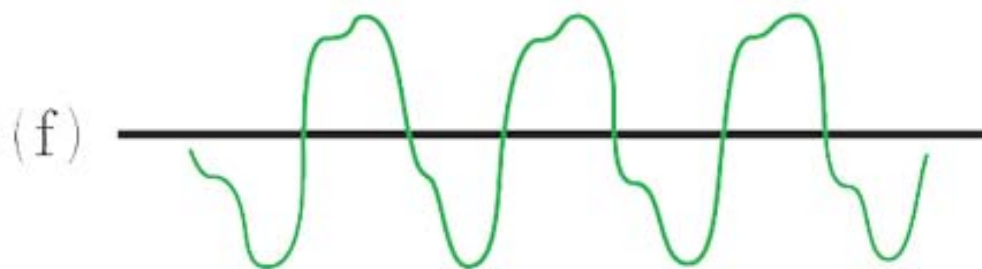




音叉

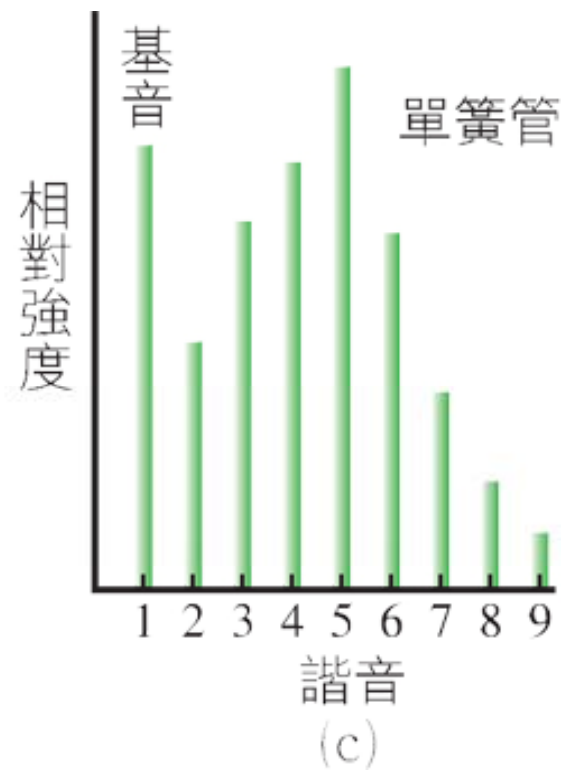
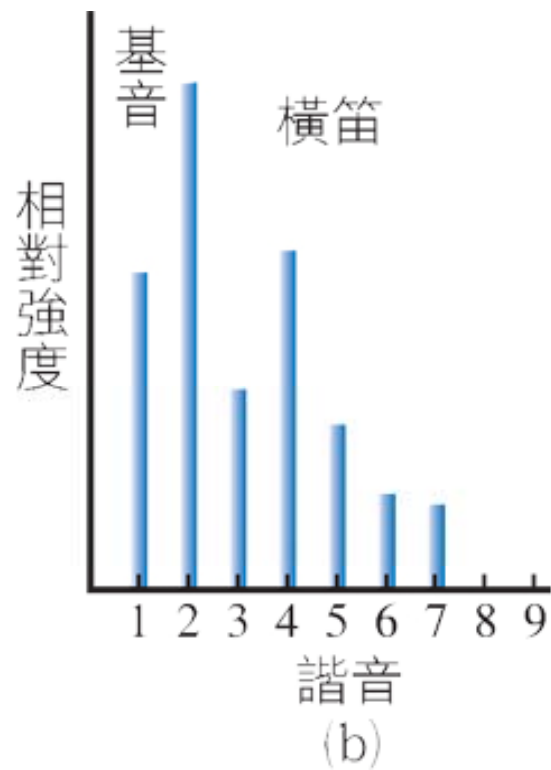
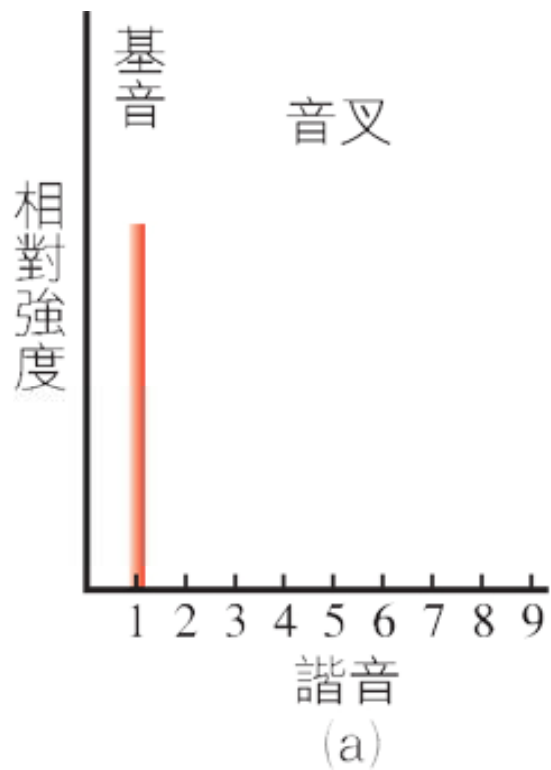


橫笛



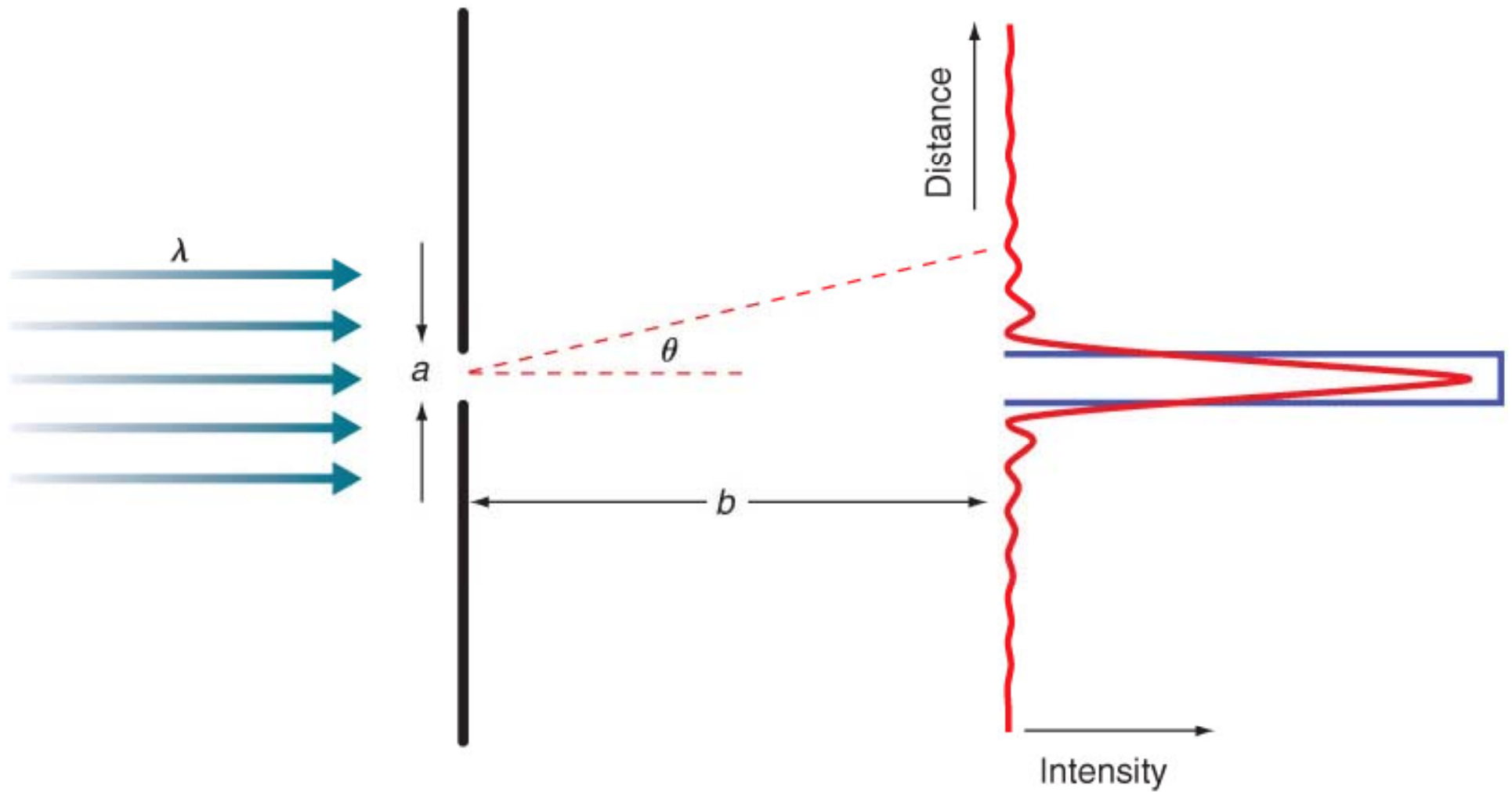
單簧管

Y. J. Lin's Presentation



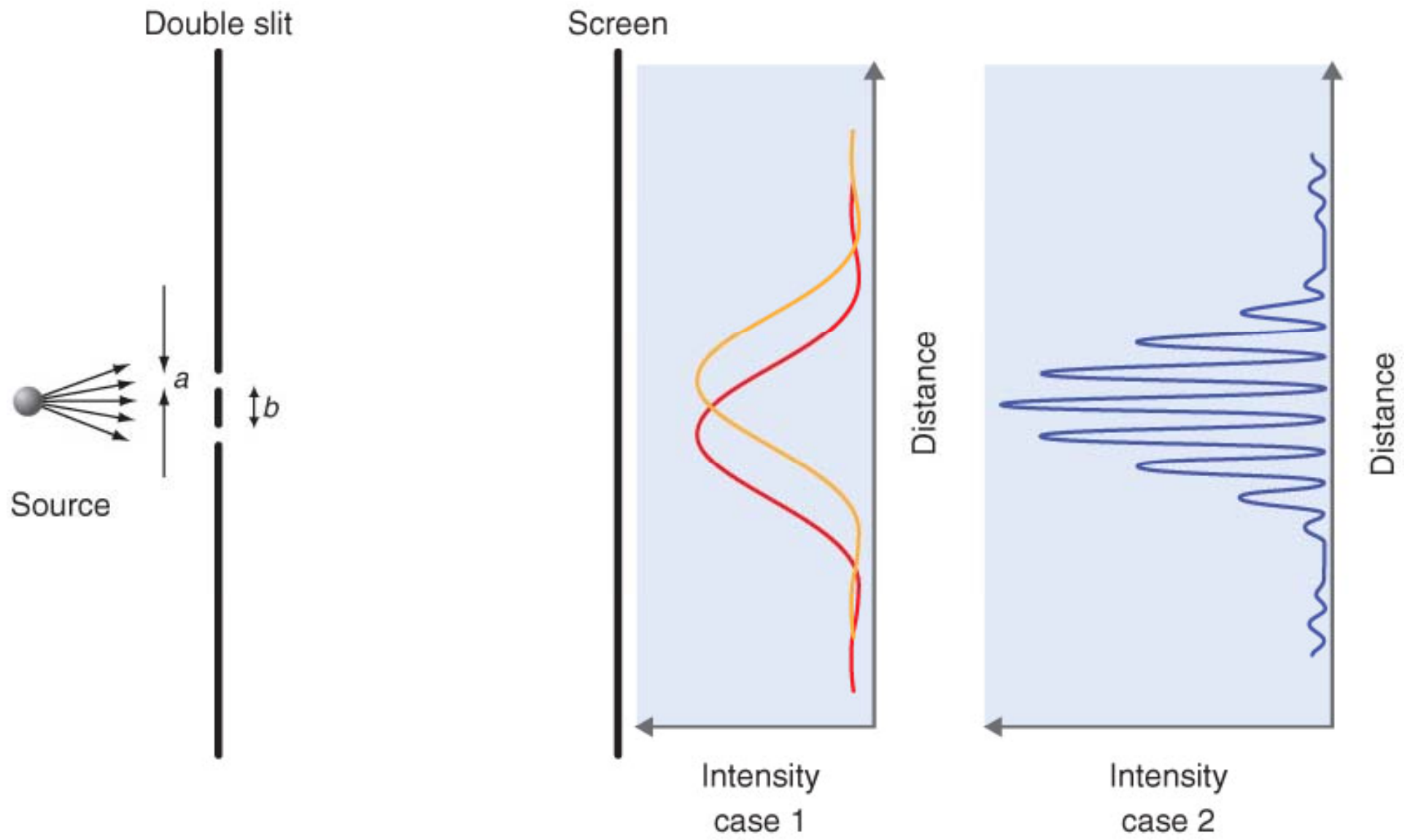
Light

Y. J. Lin's Presentation



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

Y. J. Lin's Presentation



Particle

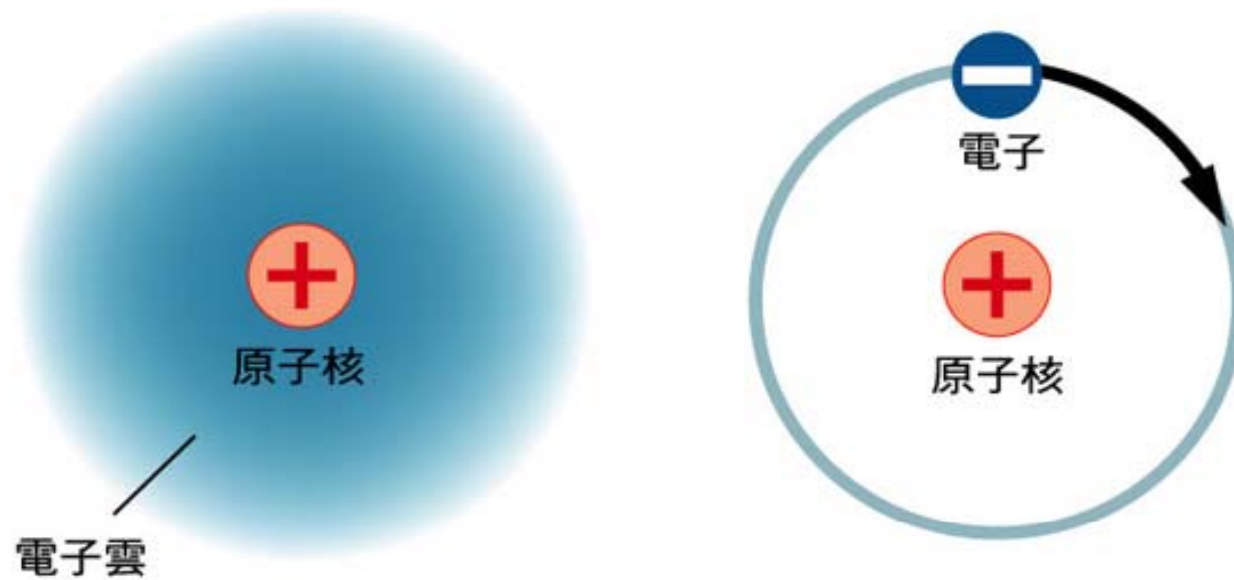
Y. J. Lin's Presentation



http://media.photobucket.com/image/baseball/FindStuff2/Best%20Images/Sports/Adjusted%20Sports/Joel_Baseball_01_JPEG.jpg

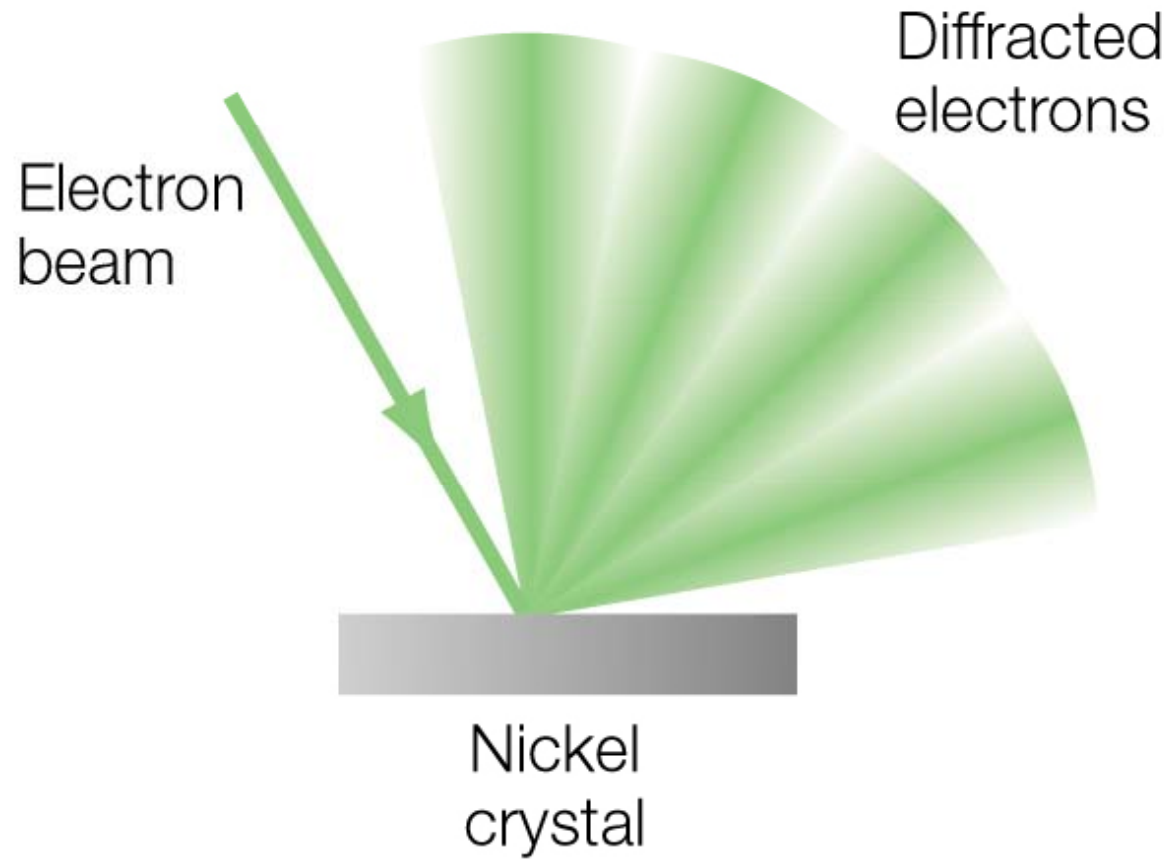
Y. J. Lin's Presentation

Electron



Y. J. Lin's Presentation

Wave property of Electron



Davisson and Germer

Y. J. Lin's Presentation

Figure 12.8a



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

Y. J. Lin's Presentation

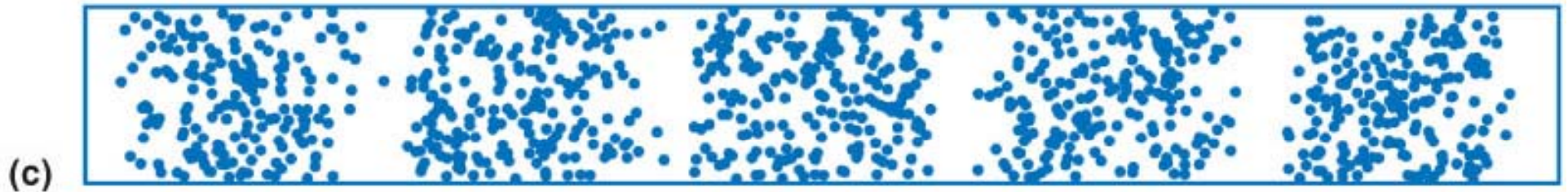
Figure 12.8b



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

Y. J. Lin's Presentation

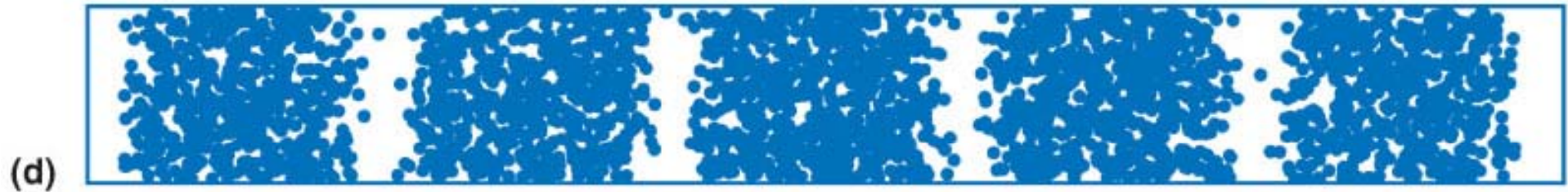
Figure 12.8c



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

Y. J. Lin's Presentation

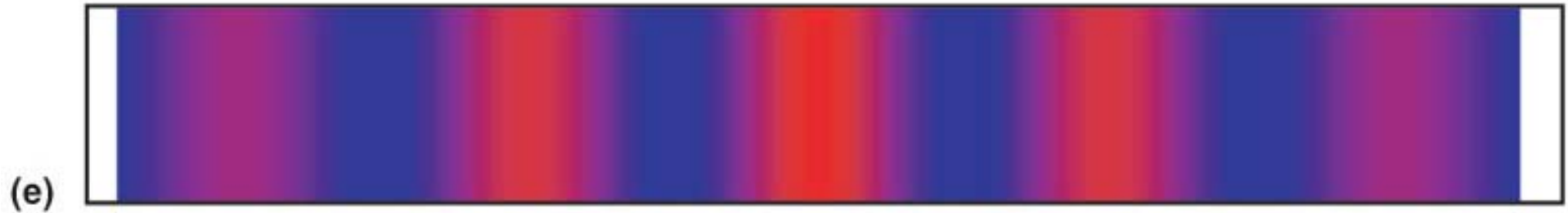
Figure 12.8d



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

Y. J. Lin's Presentation

Figure 12.8e

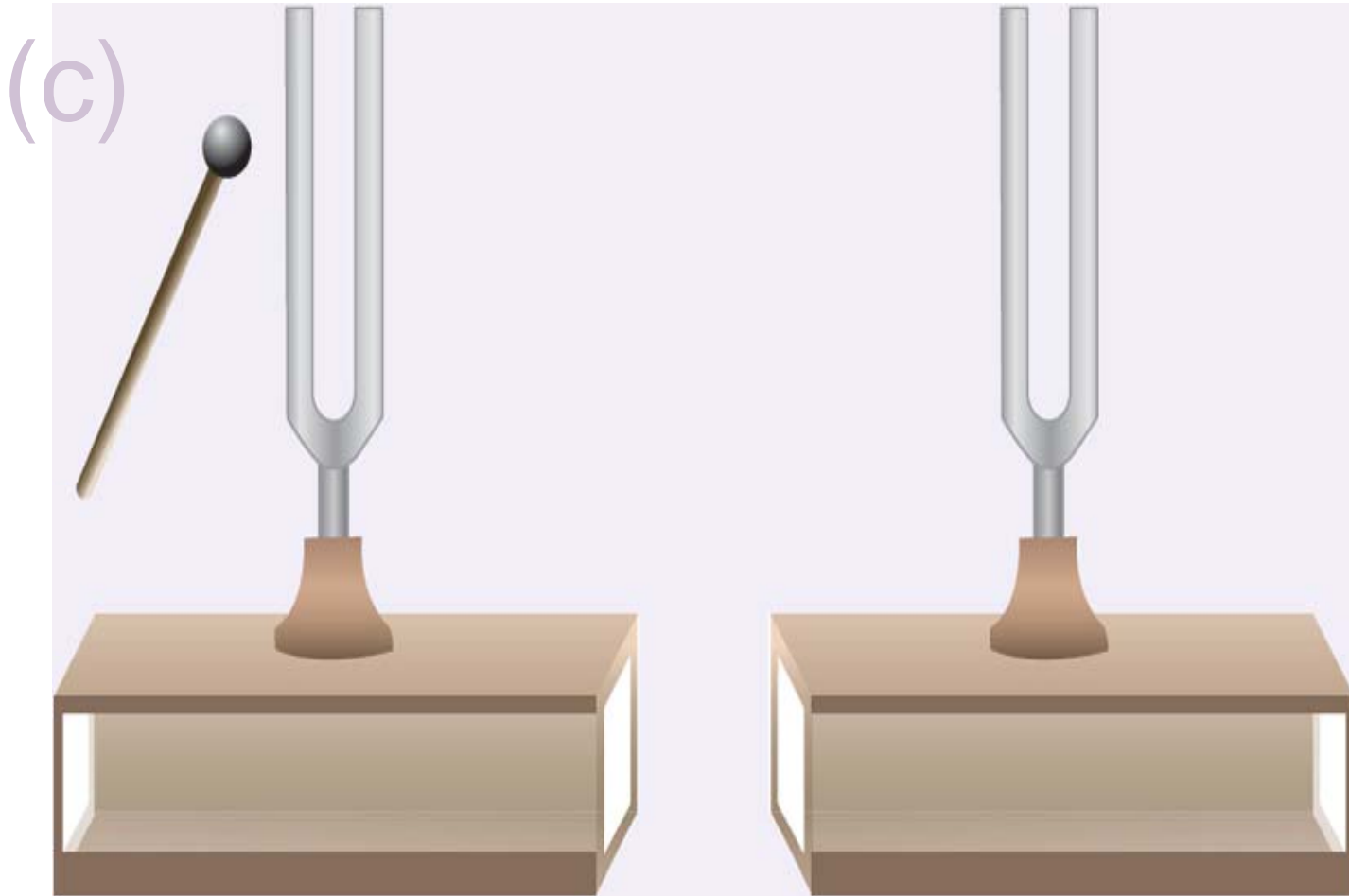


Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings

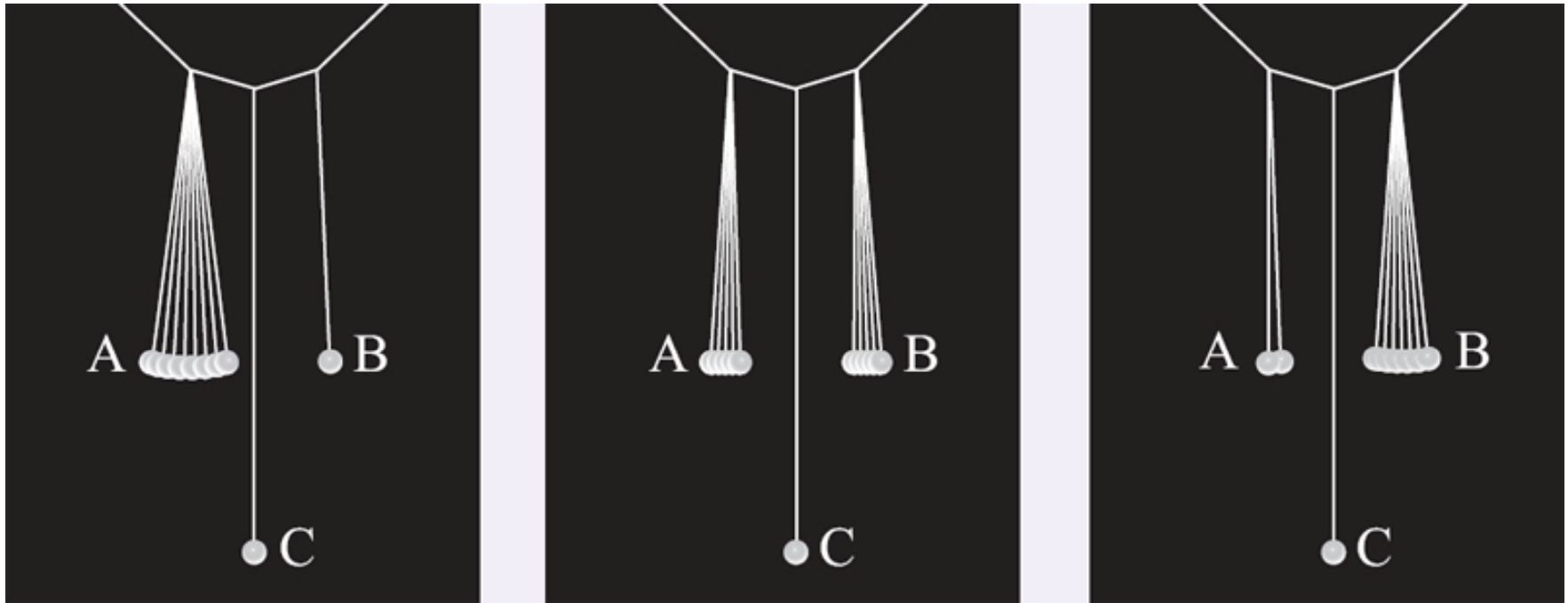
Y. T. Lin's Presentation

Resonance

Y. J. Lin's Presentation



Y. J. Lin's Presentation



Y. J. Lin's Presentation



Y. J. Lin's Presentation



Y. J. Lin's Presentation

- 自轉週期 : 公轉週期 = 1 : 1

Y. J. Lin's Presentation

- 把脈
- 針灸

Y. J. Lin's Presentation

End of Lecture

版權聲明：

本講義所使用之圖片皆由教科書出版商提供或是由網路上下載使用，同時內容安排及呈現順序為林盈廷老師上課解說，與其學生課後複習之用。禁止任何其他講述者及商業行為之未經授權的複製與使用。

Y. J. Lin's Presentation