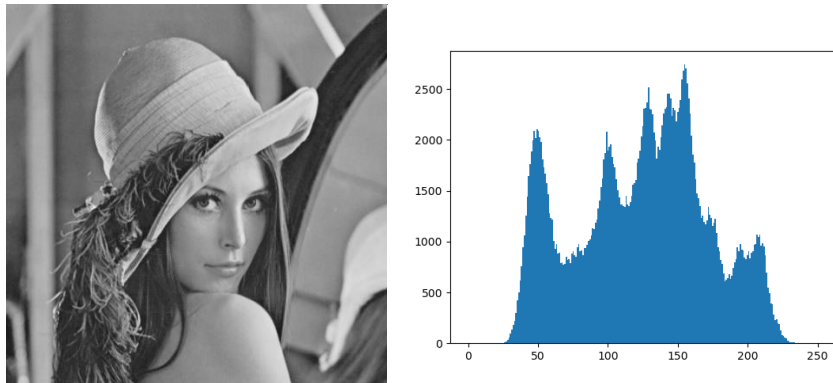
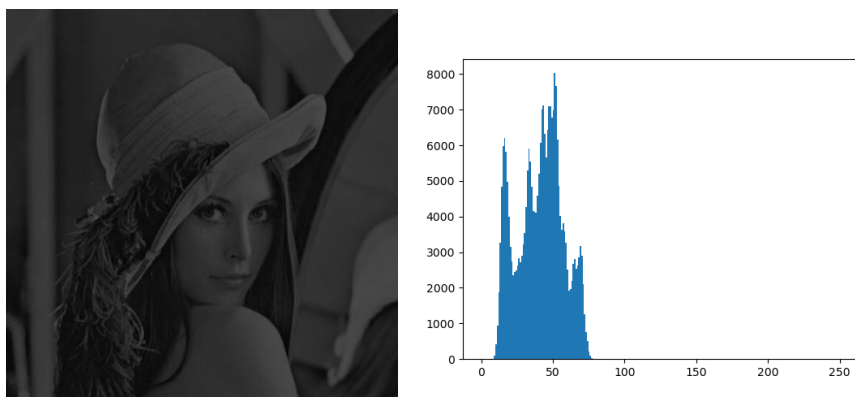


(a) original image and its histogram



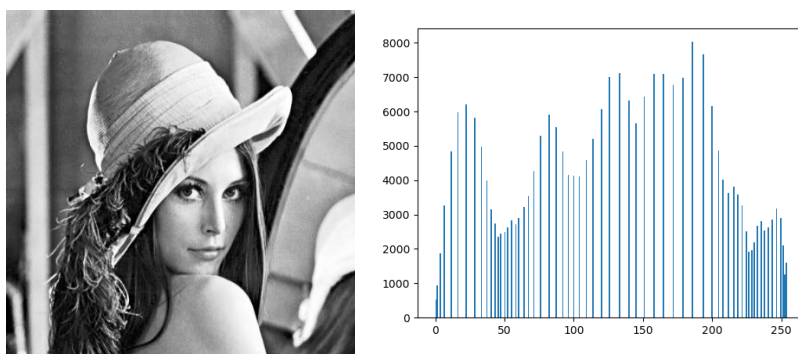
計數每個像素的 intensity

(b) image with intensity divided by 3 and its histogram



將所有像素的  $\text{intensity}/3$  (無條件捨去) 後再計數

(c) image after applying histogram equalization to (b) and its histogram



用 `np.cumsum` 算出累積到 Intensity  $k$  的個數然後除以總數得到 cdf  
然後將每個像素 intensity  $k$  轉成  $255 * \text{cdf}(rk)$