Page 7, MatLab eda01_06
Type: Mismatch between script and equation
Replace *[1, 2, 3]'; with [1, 3, 5]';*
On line 2 of script, so that script matches previous equation

```
r = [2, 4, 6];
c = [1, 2, 3]';    [1, 3, 5]';
M =[ [1, 4, 7]', [2, 5, 8]', [3, 6, 9]'];
```

Page 60, Problem 3.4
Type: Fourth line of problem, correction to text

Change:

“both in the sense that if test results are positive the probability is 99% that the cause of death was pancreatic cancer, and if they are negative the probability is 99% that the cause of death was something else”.

To:

“both in the sense that if the cause of death was pancreatic cancer, the probability is 99% that the test results are positive, and if the cause of death was something else, the probability is 99% that the test results are negative”.

Page 185, Equation 9.27
Type: Typo in equation
Insert convolution operator * between $\mathbf{v}^{\text{inv}}$ and $\mathbf{u}$

$$\mathbf{f} = \mathbf{v}^{\text{inv}} * \mathbf{u} \rightarrow f(z) = \frac{u(z)}{v(z)} = c \frac{\prod_{j=1}^{N_u - 1} (z - z_j^u)}{\prod_{k=1}^{N_v - 1} (z - z_k^v)} \tag{9.27}$$

Page 219, Equation 11.6
Type: typos in equation
Replace d with e in four places
Replace ½ with −½ in two places

$$J(E,\theta) = \begin{vmatrix} \frac{\partial d_1}{\partial E} & \frac{\partial d_2}{\partial E} \\ \frac{\partial d_1}{\partial \theta} & \frac{\partial d_2}{\partial \theta} \end{vmatrix} = \begin{vmatrix} -\frac{1}{2}E^{\frac{1}{2}} \sin\theta & -\frac{1}{2}E^{\frac{1}{2}} \sin\theta \\ E^{\frac{1}{2}} \cos\theta & -E^{\frac{1}{2}} \sin\theta \end{vmatrix} = \frac{1}{2}(\sin^2\theta + \cos^2\theta) = \frac{1}{2} \tag{11.6}$$

Page 230, Equation 11.17
Type: typos in equation
Replace first occurrence of N with N^2
(In the second edition, we may add the equation on the red box)

$$
\begin{aligned}
N^2 f_f \sigma_d^2 &\rightarrow (w_1^2 + w_2^2 + w_3^2)(d_1^2 + d_2^2 + d_3^2) \\
&= (w_1^2 d_1^2 + w_2^2 d_2^2 + w_3^2 d_3^2) + (w_1^2 d_2^2 + w_2^2 d_3^2 + w_3^2 d_1^2) + (w_1^2 d_3^2 + w_2^2 d_1^2 + w_3^2 d_2^2) \\
&\approx 3(w_1^2 d_1^2 + w_2^2 d_2^2 + w_3^2 d_3^2) \rightarrow N \sum_{i=1}^{N} w_i^2 d_i^2 \quad = N^2 \left(\frac{1}{N} \sum_{i=1}^{N} w_i^2 d_i^2 \right) \qquad (11.17)
\end{aligned}
$$