
Errata for *Essentials of Programming in Mathematica*

Edition: First printing, Cambridge University Press

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Errata date: Tue 6 Sep 2022 10:05:34

Please send any errors you spot in *Essentials of Programming in Mathematica* to info@programmingmathematica.com

- **Pages 3–5, 8**

Replace `PalindromeQ` with `palindromeQ` (twenty times). This is due to the fact that `PalindromeQ` became a `System`` function (i.e., built-in to *Mathematica*) in Version 10.3, after the book was published.

Corrected in sources: Sat 13 Feb 2016 13:05:02

- **Page 10, Table 1.1, 3rd row**

In second column, replace `FractionBox[x, 2]` with `FractionBox[x, y]`.

Corrected in sources: Mon 15 Aug 2016 06:33:08

- **Page 54, Exercise 9**

The last sentence before the displayed formula should read: “The density \mathcal{D} of a simple, undirected graph can be defined as”. Also change the following formula to:

$$\mathcal{D} = \frac{2|E|}{|V|(|V|-1)}$$

Corrected in sources: Tue 16 Oct 2018 11:48:22

- **Page 142, line 8**

Change `Select[expr, predicate]` to `Select[expr, test]`.

Corrected in sources: Thu 23 Jun 2016 09:02:32

- **Page 201, line 7**

Replace “...as the shear number of...” with “...as the sheer number of...”

Corrected in sources: Wed 4 May 2022 12:16:29

- **Page 203, In [95]**

Replace `ColorData[1, "ColorList"]` with `ColorData[97, "ColorList"]`

Corrected in sources: Tue 6 Sep 2022 09:23:31

- **Page 205, Exercise 9**

Change “...matrix element $a_{ij} = P(v_i, v_j)$ as defined...” to “...matrix element $a_{ij} = P(v_i, v_j)$ is as defined...”.

Corrected in sources: Tue 6 Sep 2022 09:26:35

- *Pages 220–222*

Replace `PalindromeQ` with `palindromeQ` (thirty-two times). This is due to the fact that `PalindromeQ` became a `System`` function (i.e., built-in to *Mathematica*) in Version 10.3, after the book was published.

Corrected in sources: Thu 23 Jun 2016 09:08:44

- *Page 229, line 11*

Change “...definition to checks the form...” to “...definition to check the form...”.

Corrected in sources: Wed 7 Sep 2016 12:18:07

- *Page 232, In [61]*

Change input to: `data365 = Take[data, -365];`

Corrected in sources: Tue 6 Sep 2022 09:34:35

- *Page 237, In [81]*

Change input to:

```
RandomWalk[t_, OptionsPattern[]] := Module[{dim},
  dim = OptionValue[Dimension];
  latticeWalk[t, dim]
```

Corrected in sources: Tue 6 Sep 2022 09:34:35

- *Page 239, line -7*

Remove the extra closing brace from `NearTo` expression. It should read, `NearTo[lis, elem, {n}]`.

Corrected in sources: Tue 16 Oct 2018 13:08:22

- *Page 253, Exercise 1*

Replace `PalindromeQ` with `palindromeQ`. This is due to the fact that `PalindromeQ` became a `System`` function (i.e., built-in to *Mathematica*) in Version 10.3, after the book was published.

Corrected in sources: Sat 13 Feb 2016 13:05:02

- *Page 267, line -4*

Change “...solve a number nontrivial...” to “...solve a number of nontrivial...”.

Corrected in sources: Tue 5 Feb 2019 10:04:56

- *Page 284, second bullet item*

Change “...and so on are all directives...” to “...and so on are all controlled by directives...”.

Corrected in sources: Tue 6 Sep 2022 09:40:01

- *Page 318, Line 5*

Change “`Mcintyre`” to “`McIntyre`”.

Corrected in sources: Tue 6 Sep 2022 09:51:14

- *Page 357, In [80]*
Change to: `Developer`PackedArrayQ[matUnp]`
Corrected in sources: Tue 6 Sep 2022 09:54:36
- *Page 363, Last line of text before the exercises*
Correct spelling of `LinearSolveFunction`.
Corrected in sources: Tue 16 Oct 2018 13:51:26
- *Page 365, Exercise 6: once in the text and once each in inputs 16 and 17*
Replace `PalindromeQ` with `palindromeQ`. This is due to the fact that `PalindromeQ` became a `System`` function (i.e., built-in to *Mathematica*) in Version 10.3, after the book was published.
Corrected in sources: Sat 13 Feb 2016 13:05:02
- *Page 398, Line 3*
Change “Mcintyre” to “McIntyre”.
Corrected in sources: Tue 6 Sep 2022 09:59:45