

# Computer Science with Mathematica

## Theory and Practice for Science, Mathematics, and Engineering

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### Errata

#### First Printing, December 1999

Page 62, Graph In[5]

The error message below the graph should be deleted.

Page 139, Exercise 6.3

The sample computations were not evaluated. They should be

```
In[1]:= Merge[{1, 5, 7}, {2, 3, 8}]
```

```
Out[1]= {1, 2, 3, 5, 7, 8}
```

```
In[2]:= Merge[{}, {2, 3}]
```

```
Out[2]= {2, 3}
```

```
In[3]:= Merge[{1, 1, 2, 3}, {2, 3}]
```

```
Out[3]= {1, 1, 2, 2, 3, 3}
```

Page 178

In[1]: it is better to use `TableForm` instead of `MatrixForm`. It doesn't matter in the printed book which was formatted in `OutputForm`, rather than `StandardForm`.

```
$PrePrint = TableForm[#, TableHeadings -> Automatic] &;
```

Page 208, Exercise 8.3

The sample computation was not evaluated. It should be

```
In[3]:= Maxima[{4, 7, 5, 2, 7, 9, 1}]
```

```
Out[3]= {4, 7, 9}
```

Page 246, Formula 10.4-3

The first line should read

$$\sin(nx) = n \cos^{n-1}x \sin x - \dots$$

Page 319, Section 13.4.2

The SQL statement should read

```
select composerName, workTitle, artistName, instrument
  from recordings, works, composers, performers, artists
 where recordings.recordNumber = "45830" and
       recordings.workKey = works.workKey and
       works.compKey = composers.compKey and
       recordings.recKey = performers.recKey and
       performers.artistKey = artists.artistKey
```

Page 325, end of first paragraph of Section 14.1.2

...that is, they show **the** same behavior.

Page 369, beginning of Section B.3.2.2

**The** evaluator ...

Please use [email](#) to tell me about any program bugs, typos in the text, suggestions, and so.

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