January 11, 2001,10:01

Functional Programming

and

Parallel Graph Rewriting

Errata

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Errata

1. page 110:

3.1 ...:

(a) (λx.λy. x+y) ((λx. y) 1) ((λy.λz. x z) ((λx. 2*x) z) 5)
(b) ...

where FAC is the abbreviation of the λ-expression for the factorial function given in Section 3.7.3.

...

should be:

3.1 ...:

(a) (λx.λy.+ x y) ((λx. y) 1) ((λy.λz. x z) ((λx.* 2 x) z) 5)
(b) ...

where FAC is the correct translation of the λ-expression for the factorial function as given in Section 3.7.3. Take in this translation θ (also defined in Section 3.7.3) as the Y combinator.

....

2. page 111:

3.3 …

(a) ...
(b)* (λf.λx. f(f x)) x) ((λf.λx. f(f x)) x)

should be:

3.3 ...

(a) ...
(b)* (λf.λx. f (f x)) x ((λf.λx. f (f x)) x)

3. page 273:

```
:: ...
   Filter pr [ n | str ]    ->   ...
                            ->   [ pr | Filter pr str ];
```

should be:

```
:: ...
   Filter pr [ n | str ]    ->   ...
                            ->   [ n | Filter pr str ];
```

4. page 183:

5.3

```
...
F (G x y)   → G (F x y) y
...
```

should be:

5.3

```
...
F (G x y)   → G (F y) y
...
```

5. page 183:

5.6 ...

(a) ...
(b) ...   →   Cons (g a) (F g b)
...   →   ...
...

should be:

5.6 ...

(a) ...
(b) ...   →   Cons (Ap g a) (F g b)
...   →   ...
Ap (+ x) y   →   + x y
...