corrections-for-HCFP-3rd.ed

Correction for HCFP 3rd edition's Chinese translation:

I think **ONLY CHINESE READERS** may need this patch file, so the following part will all be **CHINESE EXPLANATION**.

PLEASE NOTE THAT `GITHUB` DO NOT SUPPORT `mathjax.js` FOR MATH FORMULA, SO PLEASE USE THE `README.pdf` FOR CORRECTION.

- `P78`, `4.22习题`, "有一个以上的值为0", 根据英文版本应该是"有一个及以上"。

  （虽然也能做，根据我的[解题记录](#)里面的函数似乎是可以办到的）

```
1   boolTestingStructure :: (Integer -> Integer) -> Integer -> Integer -> Bool
2   boolTestingStructure tf bd1 bd2
3       | zeroCounter tf bd1 bd2 > 1    = True
4       | otherwise                    = False
5     where
6       zeroCounter :: (Integer -> Integer) -> Integer -> Integer -> Integer
7       zeroCounter tf' bd1' bd2'
8           | bd1' > bd2'      = zeroCounter tf' bd2' bd1'
9           | bd1' == bd2'     = judger tf' bd1'
10          | otherwise        = judger tf' bd1' + zeroCounter tf' (bd1' + 1) bd2'
11        where
12          judger :: (Integer -> Integer) -> Integer -> Integer
13          judger tempf bd
14              | tempf bd == 0     = 1
15              | otherwise         = 0
```

- `P94`, `data People = People Name Age` → `data People = Person Name Age`
  构造类型的构造函数名写错
  否则和同页的 `Person "Ronnie" 14` 相矛盾
- `P149`, `7.22习题`, "函数取一个列表作为参数", 但是根据代码, 这里应该是取一个列表二元组。

```
1   zip' :: ([a], [b]) -> [(a, b)]
2   zip' (xs, ys)    = zip xs ys
```

- `P215`, `11.12习题`, `filter (>).map (+ 1)` 肯定是有误，因为 `filter` 的函数签名是

```
1   filter :: (a -> Bool) -> [a] -> [a]
```

  所以输入 `filter` 的函数只能有一个变量输入, `(>)` 是不合适的。

- `P218`，页顶的 `unzip` 写错了，函数签名应为

```
unzip :: [(a, b)] -> ([a], [b])
```

却写成

```
unzip :: ([a, b]) -> ([a], [b])
```