

## 第二章 通信与互联网技术

1 使用even parity checking, 下列数据的校验位是什么?

1.1 1101101

1.2 1110100

2 使用odd parity checking, 下列数据有无错误, 错误在哪?

|             | parity bit | bit 2 | bit 3 | bit 4 | bit 5 | bit 6 | bit 7 | bit 8 |
|-------------|------------|-------|-------|-------|-------|-------|-------|-------|
| byte 1      | 0          | 1     | 1     | 0     | 0     | 0     | 1     | 0     |
| byte 2      | 1          | 0     | 1     | 1     | 1     | 1     | 1     | 1     |
| byte 3      | 1          | 0     | 0     | 1     | 1     | 0     | 0     | 0     |
| byte 4      | 0          | 1     | 1     | 0     | 1     | 0     | 1     | 0     |
| byte 5      | 1          | 1     | 1     | 0     | 0     | 1     | 1     | 0     |
| byte 6      | 1          | 0     | 0     | 0     | 0     | 1     | 0     | 1     |
| byte 7      | 0          | 1     | 1     | 1     | 0     | 0     | 0     | 0     |
| byte 8      | 0          | 0     | 0     | 0     | 0     | 0     | 0     | 1     |
| byte 9      | 0          | 1     | 1     | 1     | 1     | 0     | 1     | 0     |
| parity byte | 1          | 0     | 1     | 1     | 1     | 1     | 0     | 0     |