

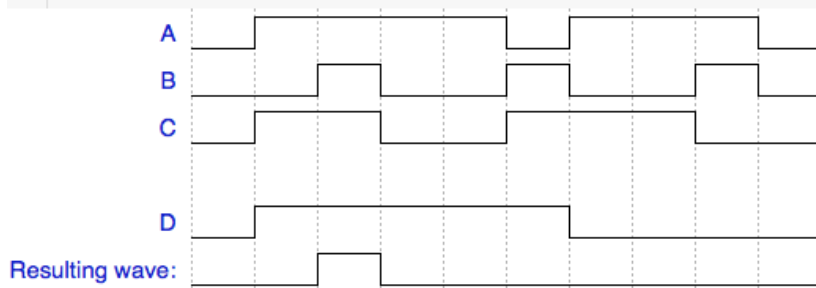
Emily List

PHYS 306

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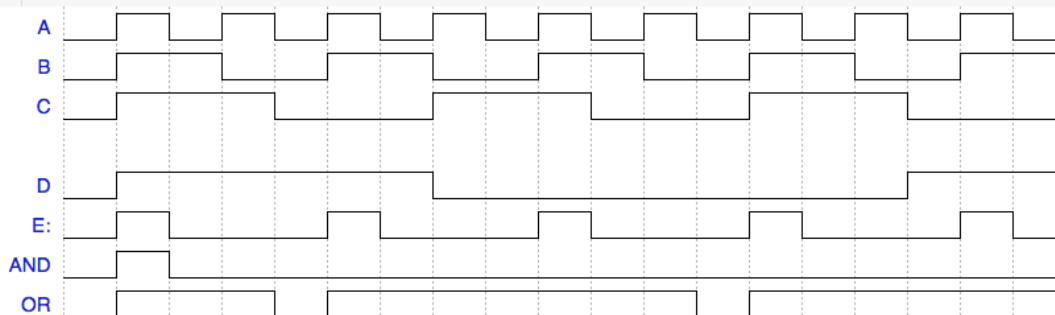
Section 3-2 #8

```
1 {signal: [  
2   {name: 'A', wave: 'lh...lh..l'},  
3   {name: 'B', wave: 'l.h.l.h.l.h.l', data: ['head', 'body', 'tail', 'data']},  
4   {name: 'C', wave: 'lh.l.h..l.'},  
5   {}  
6   {name: 'D', wave: 'lh....l...'},  
7   {name: 'Resulting wave:', wave: 'l.h.l.....'}  
8 ]}  
9 ]}  
10
```



Section 3-3 #14

```
3 {name: 'A', wave: 'lhhlhhlhhlhhlhhl'},  
4 {name: 'B', wave: 'lh.l.h.l.h.l.h.l.h.'},  
5 {name: 'C', wave: 'lh..l.h..l.h..l.'},  
6 {},  
7 {name: 'D', wave: 'lh....l.....h..'},  
8 {name: 'E', wave: 'lh.l.h.l.h.l.h.l.h.l'},  
9 {name: 'AND', wave: 'lh.l.....l.h..'},  
10 {name: 'OR', wave: 'lh..lh.....lh....'}  
11 ]  
12 ]  
13 ]  
14 ]  
15 ]
```



Section 3-4 #18

```
1
2 {signal: [
3   {name: 'A', wave: 'h...lh...lh...lh...'},
4   {name: 'B', wave: 'l.h...l.....h...l.'},
5   {name: 'C', wave: 'lplplplpl.lplplplpl'},
6   {}],
7   {name: 'NAND', wave: 'l.....hl.....'}},
8
9
10
11 ]]
12
13
14
```

