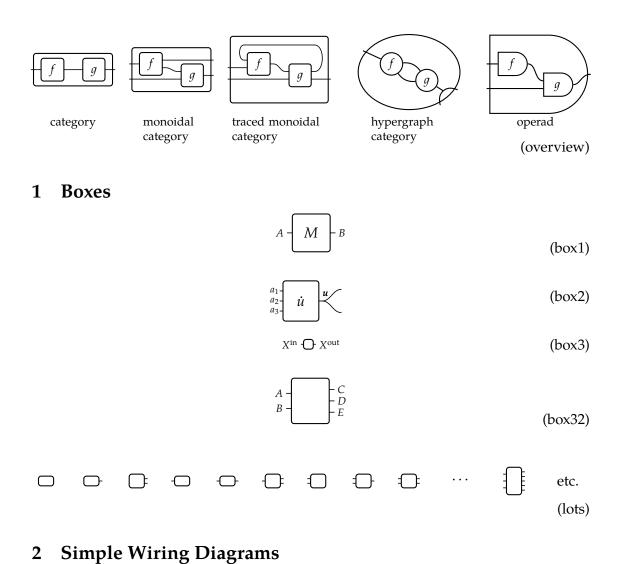
# Collected Wiring diagrams

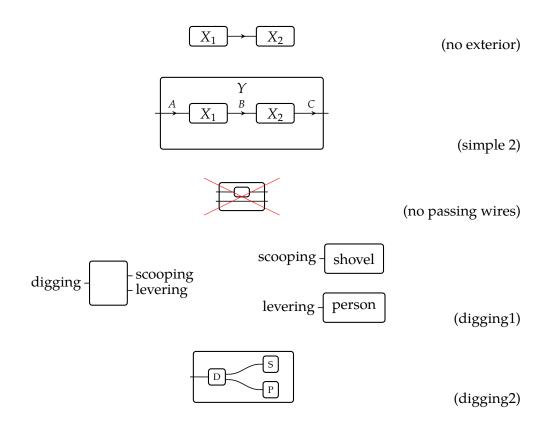
## David I. Spivak

### February 19, 2019



 $\sigma_2$ 

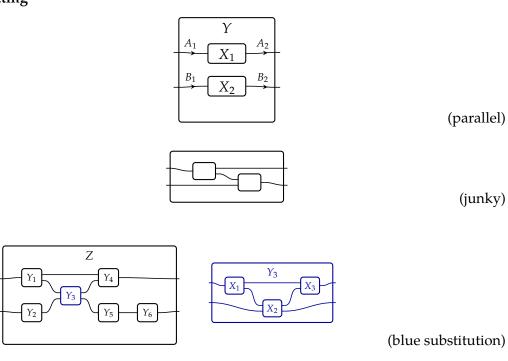
(simple 3)



## **3 Oriented Wiring Diagrams**

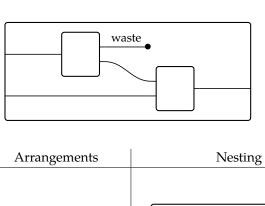
### 3.1 No Tracing

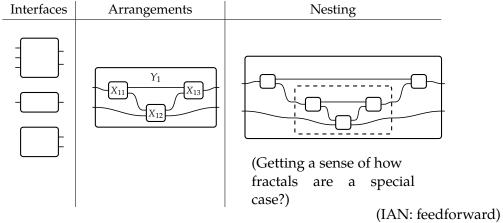
No splitting



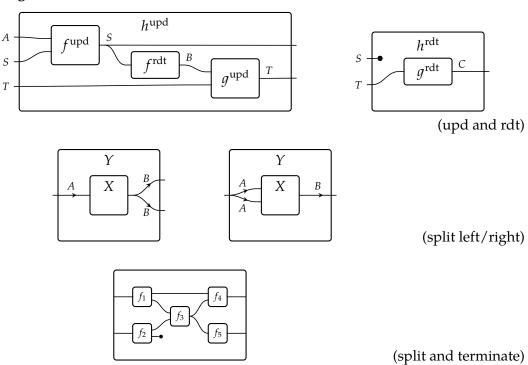
2

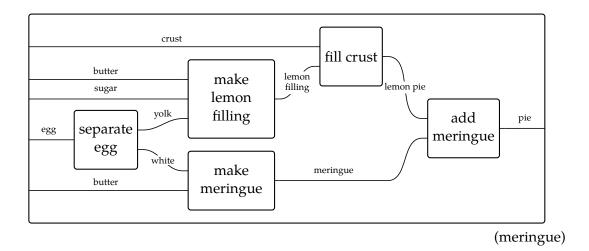
(terminate)





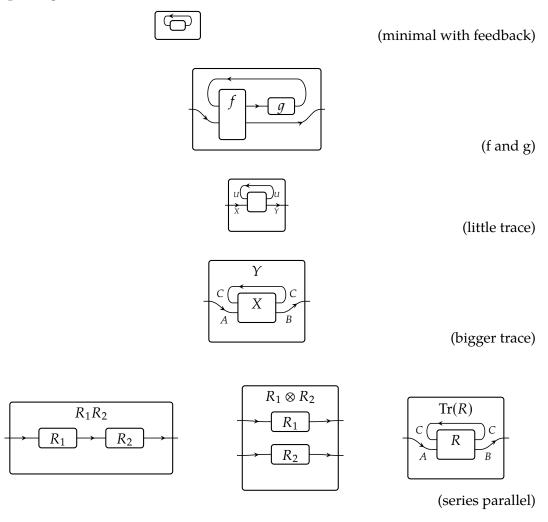
### **Splitting**

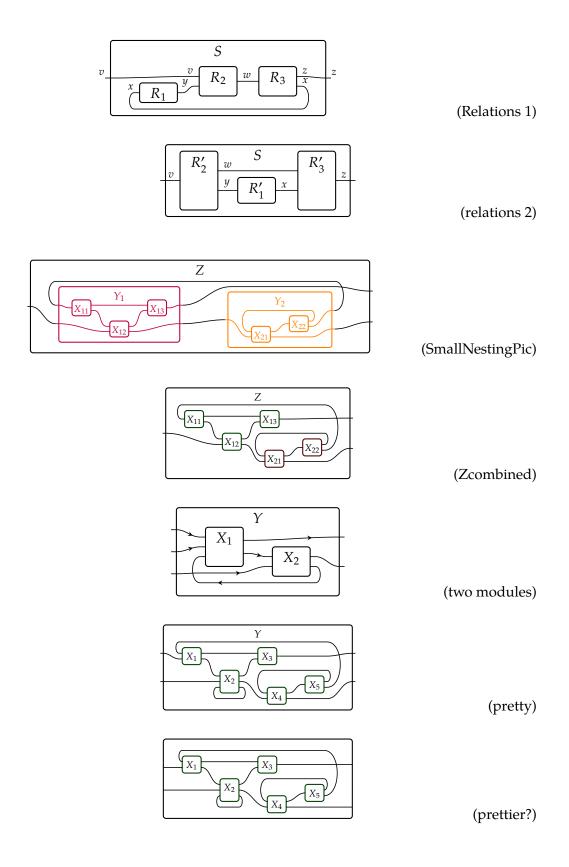


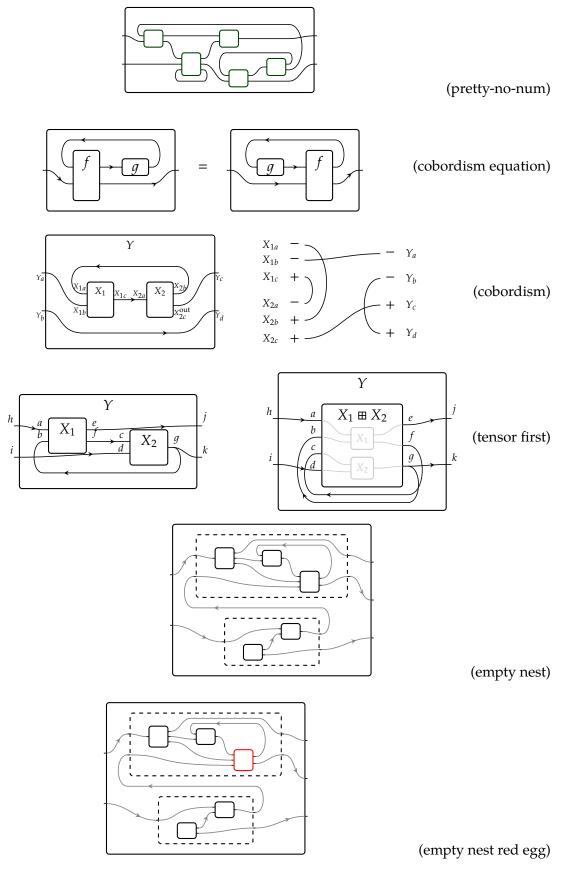


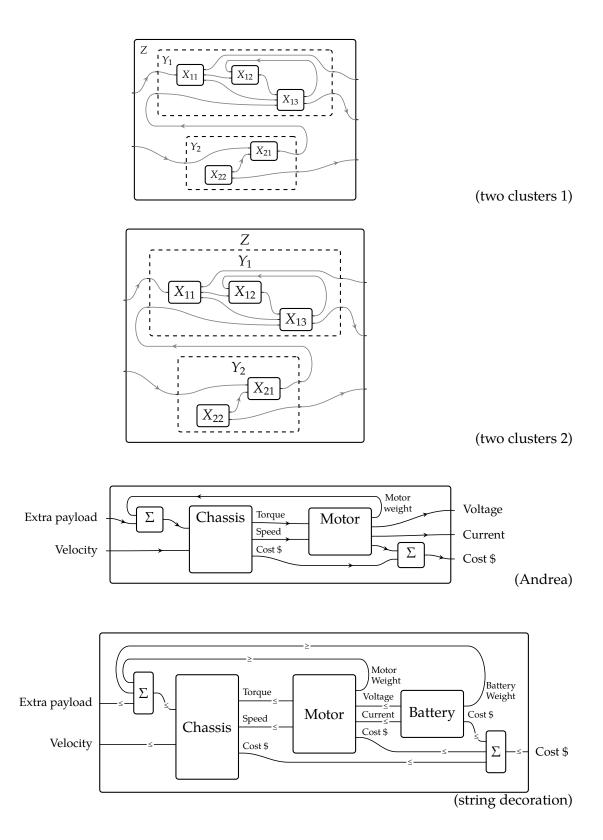
### 3.2 Tracing

#### No splitting

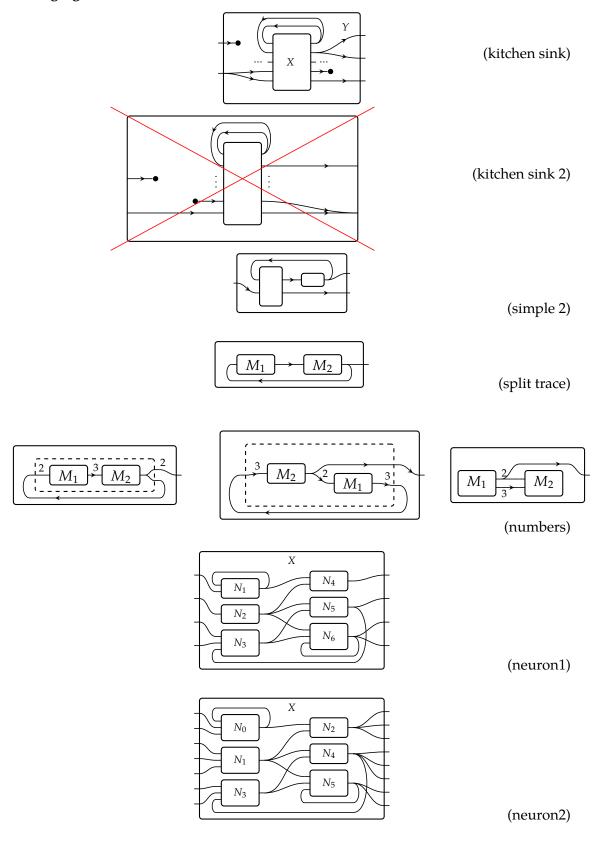


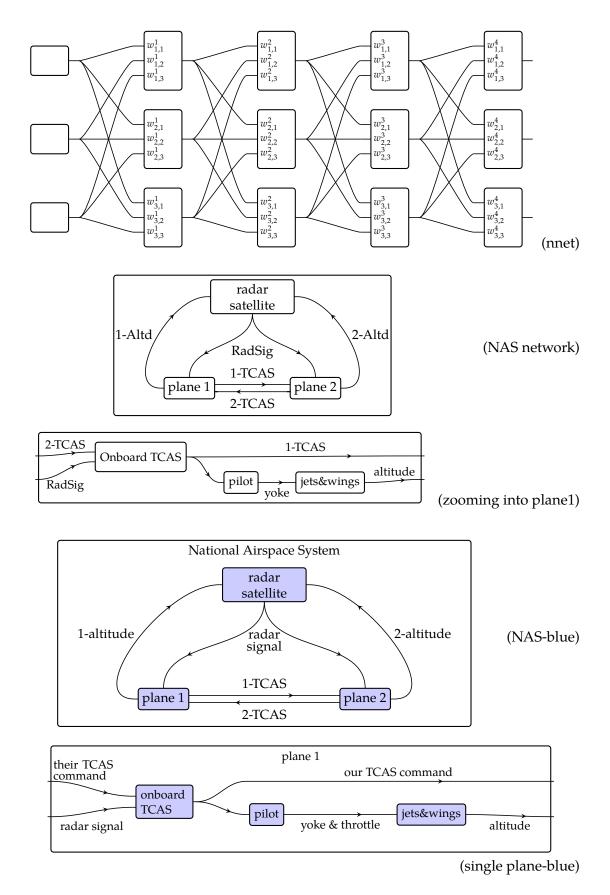


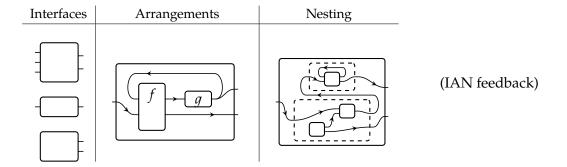




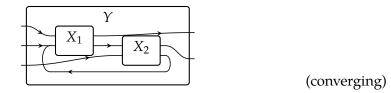
### Diverging





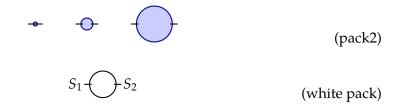


### Converging



## **Unoriented Wiring diagrams**

#### 4.1 Circles



some typed finite sets shown with labels

some typed finite sets shown without labels









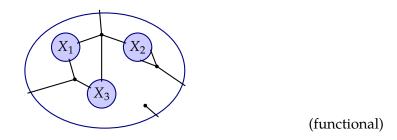






(labels?)

### 4.2 Functional cospans



## 4.3 Arbitrary diagrams

