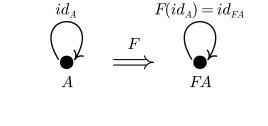
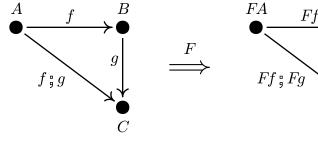
## Covariant Functor

 $id_{\scriptscriptstyle A}$ 





FB

FC

Fg

## Contravariant Functor

$$id_{A}$$
 $F(id_{A}) = id_{FA}$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 
 $F$ 

