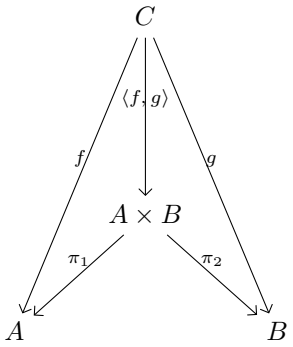

Figure 1: Product

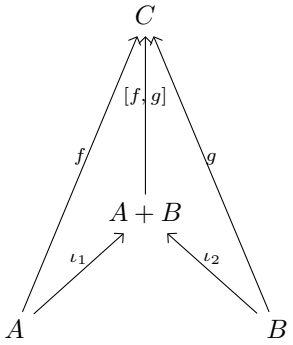

Figure 2: Sum (co-product)

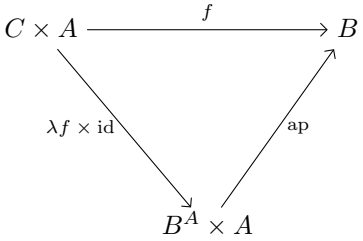

Figure 3: Exponential

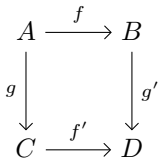

Figure 4: Pullback