

```
UU /: UU[L_] ** UU[R_] :=
```

```
CF@UU[Expand[Distribute[pp[L, R]] /. {  
  pp[0, _] → 0, pp[_ , 0] → 0,  
  pp[β[f_], λ_β | λ_a | λ_δβ | λ_δa | λ_δaa] :=  
    MapAt[f # &, λ, 1],  
  pp[_δβ | _δa | _δaa, _δβ | _δa | _δaa] → 0,  
  pp[δa[f_, i_, j_], a[g_, k_, l_]] :=  
    δaa[f g, i, j, k, l] - κ δjk δhb[f g, i, j, l],  
  pp[δβ[f_], β[g_]] := δβ[f g],  
  pp[δβ[f_], a[g_, i_, j_]] := δa[f g, i, j]  
}]]];
```