Meeting of Thursday December 12, 2013

December-12-13 3:59 AM

Enviguez: y, you Co D: Wol-mod, Do: U/o)-Mod ? M = U(2)/U/2)gx co-cocommutative & co-associative in both D&D $F:D \rightarrow Vec + F(X) = Xg = X/gX$ F(X&Y) -> F(X)&F(Y) "obvious" F takes M to FM), which is also co-communitive F(xy)F(z) = (F(xy)F(z)) F(z) F(xy)F(z) = (F(x)F(y)F(z)) F(xy) - F(x)F(y) F(x)F(yz) = F(x)F(y)F(z) + F(yz)F(x)MOM is a a co-algebra, non-co-commutative, by F(M²)&F(M²) C F(M²M²) F(M) iso

if iv by Follow 1 $U_{\xi}(q) = F(M \otimes M)$ Associativity Follows from a big diagram