

$$\sum_{\alpha} (R_2 R_1 H)_{\alpha} = H_1^1 \otimes \alpha$$

$$R_2 R_1 H_{\alpha} (R_2 R_1 H)_{\alpha} = H_1^1 \otimes (H_1^1 \otimes \alpha)$$

$$H(R_2 R_1 H)_{\alpha} = H_1^1 (H_1^1 \otimes \alpha)$$

$$R_2 R_1 H(R_2 R_1 H)_{\alpha} = H_1^1 (H_1^1 \otimes \alpha)$$

$$H(R_2 R_1 H)_{\alpha} = H_2 H_1^1 \otimes \alpha = H_1^1$$

$$(R_2 R_1 H)(R_2 R_1 H)_{\alpha} = H_2^1 H_1^1 \otimes \alpha = H_{2+1}^1 \otimes \alpha$$

$$(R_2 R_1 H)(R_2 R_1 H)(R_2 R_1 H)_{\alpha} = H_3^1 H_2^1 H_1^1 \otimes \alpha = H_{3+1}^1 \otimes \alpha$$

$$R_1(R_2 R_1 H)_{\alpha} = H_{\omega+1}^1 \otimes \alpha$$

$$R_2 R_1(R_2 R_1 H)_{\alpha} = H_1^2 \otimes \alpha$$

$$H(R_2 R_1)H_{\alpha} = H_1^{\omega} \otimes \alpha$$

$$R_1 H(R_2 R_1)H_{\alpha} =$$

$$(R_2 R_1)H(R_2 R_1)H_{\alpha} = H_1 [H_1^1 \otimes \alpha] = [LH, [H_1^1, ++]\alpha]_{\alpha} = H_{1,0}^1 \otimes \alpha$$

$$\alpha \otimes \alpha = \alpha$$

$$(R_2 R_1)H_{\alpha} = H_1^1 \otimes \alpha$$

$$(R_2 R_1)H(R_2 R_1)H_{\alpha} = H_{1,0}^1 \otimes \alpha$$

$$R_2(R_2 R_1)H_{\alpha} = H_{1,1}^{\omega+1} \otimes \alpha$$

$$R_2(R_2(R_2 R_1))H_{\alpha} = H_{1,1,1}^{\omega+1} \otimes \alpha ?$$