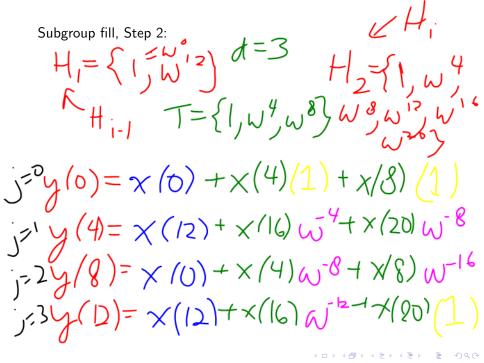


Conceptual description of subgroup fill, step i

In the subgroup fill part of step *i*, with "input subgroup" H_{i-1} , "output subgroup" H_i , and $H_{i-1} \leq H_i$:

- For the output corresponding to the *j*th element of H_i ,
- We form a linear combination starting with the input corresponding to the *j*th element of H_{i-1},
- Offset by the elements of the transversal,
- With coefficients equal to the elements of the transversal raised to the (-j)th power.



 $\frac{1}{5} \frac{4}{3} \frac{1}{16} = \frac{1}{3} \frac{1}{3} + \frac{1}{3} \frac{1}{3}$

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Subgroup fill, Step 3: $H_{2}=(w^{4}) \qquad \{1,w^{2}\}$ $\int_{0}^{k} y^{m} = \chi(0) + \chi(2)$ $\int_{0}^{k} y^{m} + \chi(2) = \chi(4) + \chi(6) w^{-2}$ $\int_{0}^{2} y^{4} = \chi(8) + \chi(10) w^{-4}$ H=くいう $y(6) = x(2) + x(4)w^{-6}$ $y(3) = x(16) + x(18) 10^{-8}$ $y(10) = \chi(20) + \chi(52) W^{-10}$ 《曰》《卽》《臣》《臣》 3

y(12)= ×(0)+×(2)w-12 y(14)= x(4)+x(b)w-14 $5(16) = \times (8) + \times (10) + 16$ $\frac{1}{2}$ (12) + \times (14) ω^{-18} y(20)=×(16) ×(18) W-20 $y(22) = x(20) + x(22) u^{-22}$

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