$$H(w) = \frac{\sqrt{3}(w)}{\sqrt{7}(w)}$$

$$= \frac{1}{\sqrt{3}wc} \left[ \left( R + \frac{1}{\sqrt{ywc}} \right) \right] \left( (R + \frac{1}{\sqrt{ywc}}) \right]$$

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$$= \frac{1}{\sqrt{3}wc} \left[ (R + \frac{1}{\sqrt{ywc}}) \right] \frac{1}{\sqrt{ywc}}$$

$$= \frac{1}{\sqrt{3}wc} \left[ \frac{1}{\sqrt{ywc}} + \frac{2}{\sqrt{ywc}} \right] \frac{1}{\sqrt{ywc}}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc}$$

$$= \frac{1}{\sqrt{3}wc} \frac{1}{\sqrt{3}wc} + \frac{1}{\sqrt{3}wc} +$$