

(30)

$$= \frac{1}{(q)_{\infty}} \left(1 + \sum_{h \geq 1} (-1)^h q^{h(5h-1)/2} + \sum_{h=-1}^{\infty} (-1)^h q^{h(5h-1)/2} \right)$$

$$= \frac{1}{(q)_{\infty}} \sum_{h=-\infty}^{\infty} (-1)^h q^{h(5h-1)/2}$$

$$= \frac{1}{(q)_{\infty}} \sum_{n=-\infty}^{\infty} (-1)^n q^{n(5n+1)/2} \quad (h=-n)$$

$$= \prod_{n=1}^{\infty} \frac{1}{(1-q^{5n-1})(1-q^{5n-4})} \quad (\text{as before}).$$