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ERRATUM

Erratum to: Formal Hecke algebras and algebraic oriented cohomology theories

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Proposition 6.8(d) contains a few sign errors. We thank Marc-Antoine Leclerc for bringing this to our attention. The correct statement is as follows:

If $\langle \alpha_i^\vee, \alpha_j \rangle = -1$ and $\langle \alpha_j^\vee, \alpha_i \rangle = -3$ so that $m_{ij} = 6$, then

$$\begin{aligned}
&\Delta_{jijiji} - \Delta_{ijijij} \\
&\quad = \Delta_{ijij}(\kappa_{j,i} + \kappa_{2i+3j,-i-2j} + \kappa_{-i-3j,i+2j} + \kappa_{i+2j,-j}) \\
&\qquad - \Delta_{jiji}(\kappa_{i,j} + \kappa_{-2i-3j,i+2j} + \kappa_{-i-2j,i+3j} + \kappa_{i+j,j}) \\
&\qquad + \Delta_{jij}\big(\Delta_i(\kappa_{i,j} + \kappa_{-2i-3j,i+2j} + \kappa_{-i-2j,i+3j} + \kappa_{i+j,j})\big) \\
&\qquad - \Delta_{iji}\big(\Delta_j(\kappa_{j,i} + \kappa_{2i+3j,-i-2j} + \kappa_{-i-3j,i+2j} + \kappa_{i+2j,-j})\big) \\
&\qquad + \Delta_{ij}\xi_{ij} - \Delta_{ji}\xi_{ji} + \Delta_j(\Delta_i(\xi_{ji})) - \Delta_i(\Delta_j(\xi_{ij}))
\end{aligned} \tag{6.8}$$

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where

$$\xi_{ij} = \frac{1}{x_i x_{i+j} x_{i+2j} x_{2i+3j}} + \frac{1}{x_i x_j x_{i+2j} x_{-2i-3j}} + \frac{1}{x_i x_j x_{2i+3j} x_{-i-j}} - \frac{1}{x_i x_{i+j} x_{i+2j} x_{-i-3j}}$$
$$- \frac{1}{x_i x_{i+j} x_{i+3j} x_{-j}} + \frac{1}{x_{i+j} x_{i+3j} x_{-j} x_{-2i-3j}} + \frac{1}{x_{i+3j} x_{2i+3j} x_{-j} x_{-i-2j}}$$
$$+ \frac{1}{x_{i+j} x_{i+2j} x_{-i-3j} x_{-2i-3j}} - \frac{1}{x_i x_j x_{i+2j} x_{i+3j}}$$

and

$$\xi_{ji} = \frac{1}{x_i x_j x_{2i+3j} x_{-i-2j}} + \frac{1}{x_i x_j x_{i+2j} x_{-i-3j}} + \frac{1}{x_j x_{i+2j} x_{i+3j} x_{2i+3j}} - \frac{1}{x_i x_j x_{i+j} x_{2i+3j}}$$
$$+ \frac{1}{x_{i+j} x_{i+2j} x_{-i} x_{-2i-3j}} + \frac{1}{x_{i+3j} x_{2i+3j} x_{-i-j} x_{-i-2j}} + \frac{1}{x_{i+j} x_{i+3j} x_{-i} x_{-i-2j}}$$
$$- \frac{1}{x_j x_{i+3j} x_{2i+3j} x_{-i-j}} - \frac{1}{x_j x_{i+j} x_{i+3j} x_{-i}}.$$