

$$\begin{aligned}
 [3] \quad & \cancel{\mathbb{I}} + (t + [1]\alpha)v^{-3} \cancel{\mathbb{I}} - (v\mathbb{I} + v^{-2}[4]\alpha) \cancel{\mathbb{I}} + (v^{-1}t + v^2[4]\alpha) \mathbb{I} \\
 & + \alpha b \cancel{\mathbb{I}} + \alpha b v^{-2} \mathbb{I} + \alpha b v^2 \mathbb{I} = 0.
 \end{aligned}$$