

$\mathbf{z2} = \mathbf{R}_{1,14}^+ \mathbf{R}_{5,2}^- \mathbf{nr}_3 \mathbf{ul}_4 \mathbf{R}_{19,6}^+ \mathbf{R}_{7,10}^- \mathbf{nl}_8 \mathbf{ur}_9 \mathbf{R}_{11,20}^+$
 $\mathbf{nr}_{12} \mathbf{ul}_{13} \mathbf{R}_{15,18}^- \mathbf{nl}_{16} \mathbf{ur}_{17};$
 (Do [$\mathbf{z2} = \mathbf{z2} // \mathbf{m}_{1,k \rightarrow 1}, \{k, 2, 20\}$]);
 $\mathbf{z2} = \mathbf{z2} /. \mathbf{a}_{-1} := \mathbf{a}$)

$$\mathbb{E} \left[-1 + \frac{1}{t} + t, 0, 0, \right. \\
 -16 + \frac{9c}{2} - \frac{2c}{t^4} + \frac{1}{t^3} + \frac{11c}{2t^3} - \frac{4}{t^2} - \frac{8c}{t^2} + \frac{10}{t} + \frac{4c}{t} + 18t - \\
 10ct - 14t^2 + 8ct^2 + 7t^3 - \frac{3ct^3}{2} - 2t^4 - 2ct^4 + \\
 2ct^5 - \frac{ct^6}{2} - 4uw + \frac{2uw}{t^4} - \frac{7uw}{2t^3} + \frac{9uw}{2t^2} + \frac{uw}{2t} + \\
 \left. 6t uw - 2t^2 uw - \frac{1}{2} t^3 uw + \frac{3}{2} t^4 uw - \frac{1}{2} t^5 uw \right]$$