

$$\mathbf{z2} = R_{1,14}^+ R_{5,2}^- nr_3 ul_4 R_{19,6}^+ R_{7,10}^- nl_8 ur_9 R_{11,20}^+ nr_{12} ul_{13} R_{15,18}^- nl_{16} ur_{17};$$

$$(\text{Do}[\mathbf{z2} = \mathbf{z2} // m_{1,k \rightarrow 1}, \{k, 2, 20\}]; \mathbf{z2} = \mathbf{z2} /. a_{-1} \rightarrow a)$$

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