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[illegible]

$$t = N\mathbf{1}$$
$$t = \left(\begin{array}{c} \frac{213}{184} \\ \frac{20}{184} \\ \frac{20}{184} \\ \frac{20}{184} \\ \frac{20}{184} \\ \frac{20}{184} \\ \frac{20}{184} \\ \frac{20}{174} \\ \frac{20}{101} \\ \frac{20}{124} \\ \frac{20}{101} \\ \frac{20}{124} \\ \frac{20}{101} \\ \frac{20}{124} \\ \frac{20}{101} \\ \frac{20}{124} \\ \frac{20}{101} \\ \frac{20}{124} \\ \frac{20}{101} \end{array} \right)$$

Finally, we see that $t_0 = \boxed{\frac{213}{29} \approx 7.345}$