

$$|R| \leq 3 \cdot 2^{-d} + 2.12 T 2^{-d} + 1.3 T 2^{-d'} 2 \sqrt{\frac{t}{2\pi}} < 6 T 2^{-d} + \frac{1}{2} 2^{-\text{wpinitial}} < 2^{-\text{wpinitial}}.$$