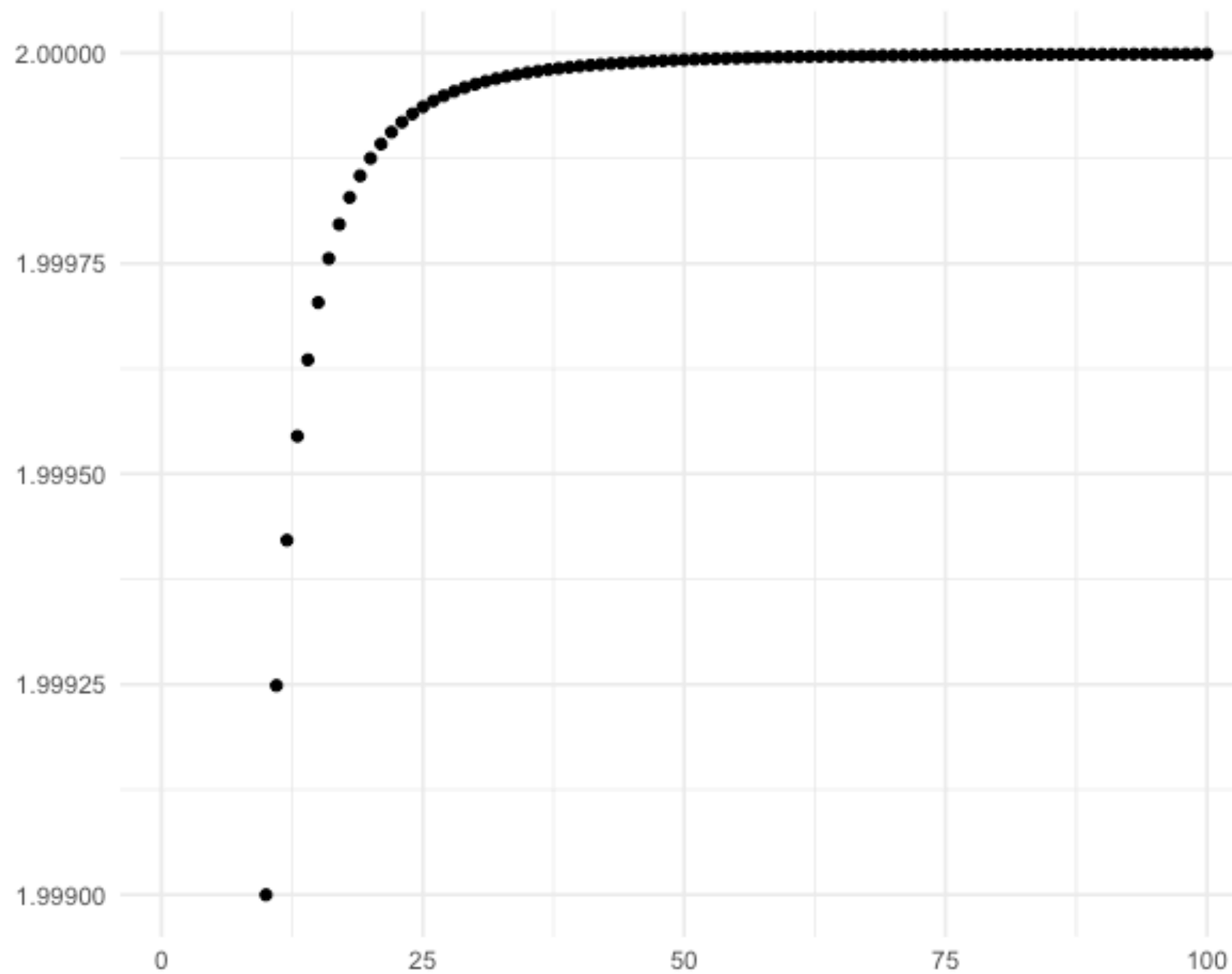
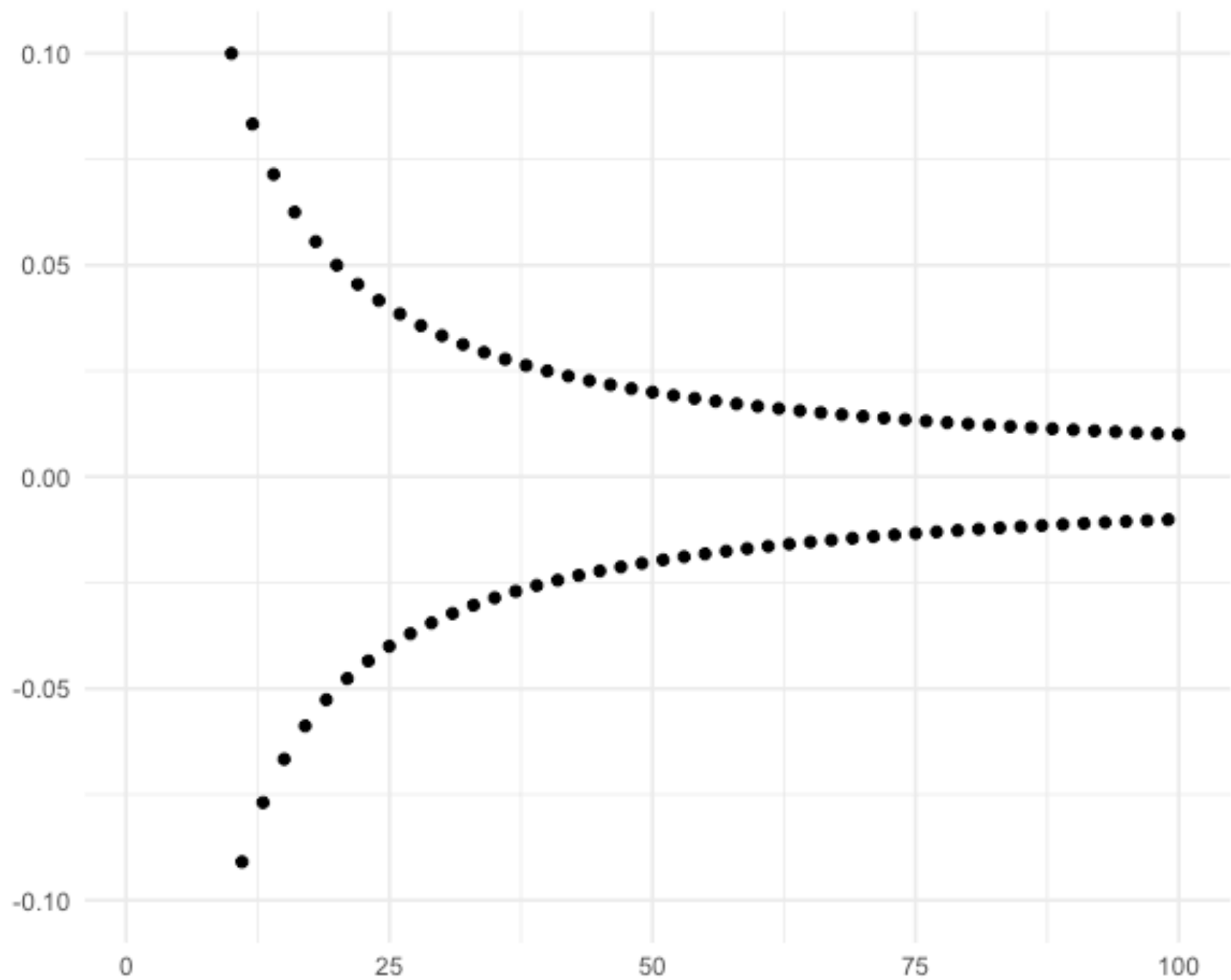




seaplanes







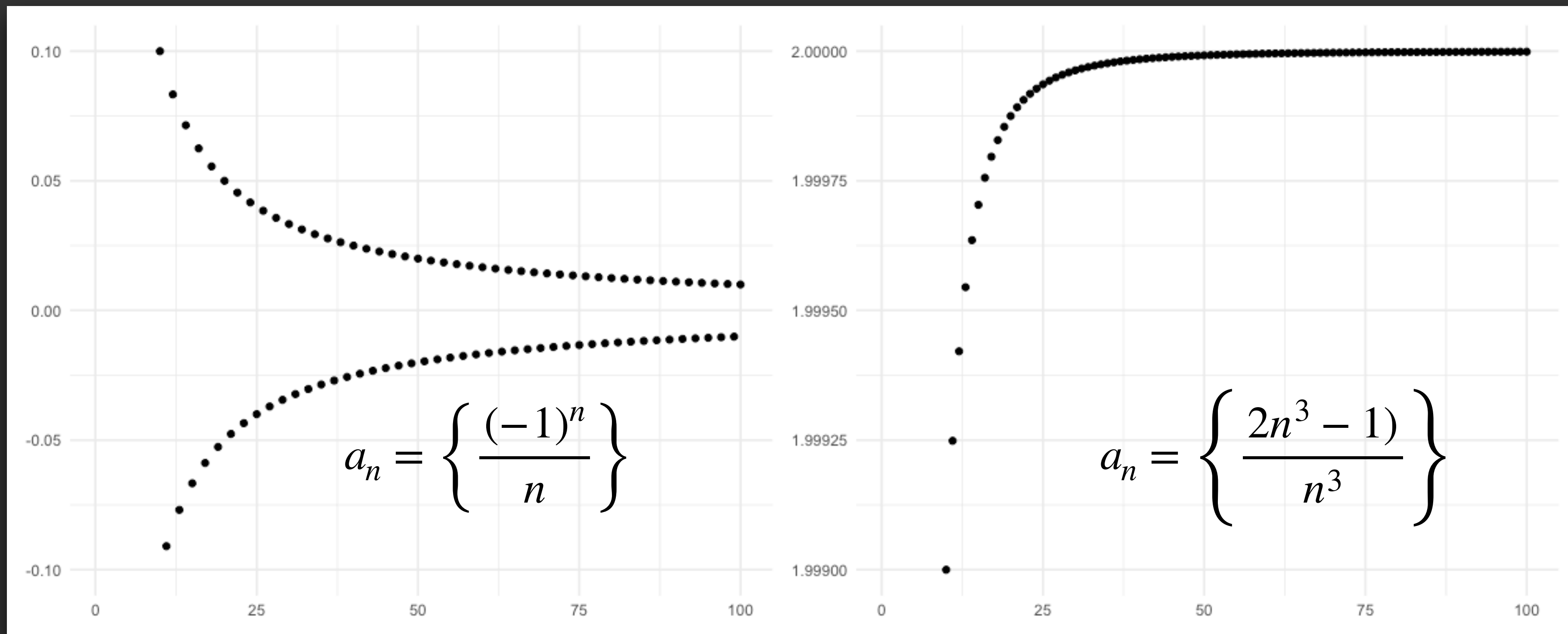
$$a_n = \left\{ \frac{2n^3 - 1}{n^3} \right\}$$

$$a_n = \left\{ \frac{(-1)^n}{n} \right\}$$

# sequences

- A sequence is a function from the positive integers to the real numbers, with  $f(n) = a_n$
- We can draw a graph of this function as a set of points in the plane:

$$(1, a_1), (2, a_2), (3, a_3), \dots, (n, a_n), \dots$$





limits of a sequence