

Figure 1. Streamlines of the flow field around a pair of spheres for different gap widths. The flow is from left to right. The spheres are shaded in blue. (a) 0.025 mm, (b) 0.4 mm, (c) 0.5 mm.

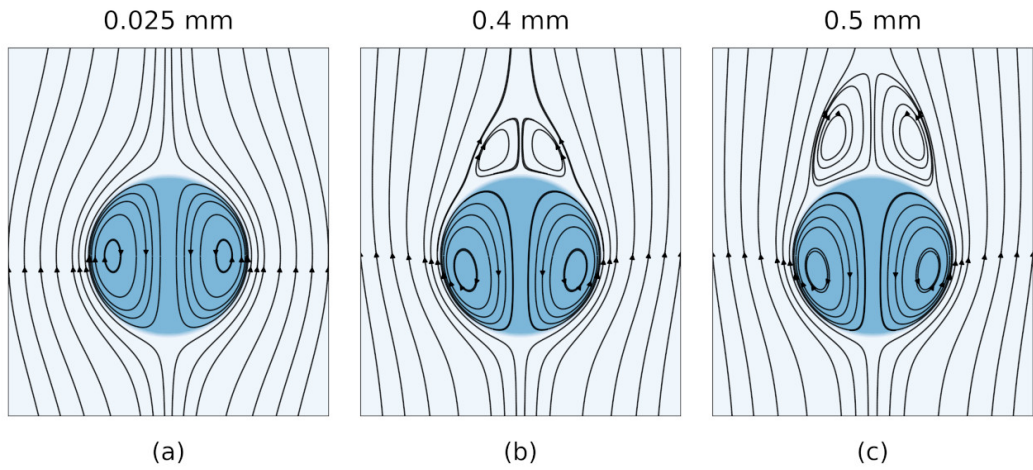


Figure 2. Streamlines of the flow field around a pair of spheres for different gap widths. The flow is from left to right. The spheres are shaded in blue. (a) 0.025 mm, (b) 0.4 mm, (c) 0.5 mm.

Figure 3

1. Introduction

The flow field around a pair of spheres is a classic problem in fluid mechanics. It has been studied extensively for many years. The flow field is highly complex and depends on many factors, including the gap width between the spheres, the Reynolds number, and the angle of attack. In this paper, we study the flow field around a pair of spheres for different gap widths. The flow is from left to right. The spheres are shaded in blue. The results are shown in Figure 1.

2. Method

The flow field is simulated using a finite volume method (FVM). The flow is from left to right. The spheres are shaded in blue. The results are shown in Figure 1.

The flow field is simulated using a finite volume method (FVM).

- <https://www.s.u-tokyo.ac.jp/ja/press/2021/7235/>

• <https://www.s.u-tokyo.ac.jp/ja/press/2021/7235/>

- <https://journals.ametsoc.org/doi/10.1175/JAS-D-20-0161.1>

• <https://journals.ametsoc.org/doi/10.1175/JAS-D-20-0161.1>