

Caption list for movies

S. Tajfirooz

May 24, 2020

- Movie 1: A binary collision between a rising PVC-U particle and a falling POM particle with impact factor 0.02 (figure 12 (a)).
- Movie 2: A binary collision between a rising PVC-U particle and a falling POM particle with impact factor 0.41 (figure 12 (b)).
- Movie 3: A binary collision between a rising PVC-U particle and a falling POM particle with impact factor 0.78 (figure 12 (c)).
- Movie 4: A cross-section of the velocity field at a plane in the spanwise direction and projections of the particles in a section of the domain (figure 15).
- Movie 5: A 3D animation of the particle separation (figure 15).
- Movie 6: Evolution of probability density function of particle position for cases 1A, 1C, and 1D. The movie on the right corresponds to the case 1A (figure 17).