All Authors: S. N. Khaderi, M. G. H. M. Baltussen, P. D. Anderson, J. M. J. den Toonder, P. R. Onck

Title: The breaking of symmetry in microfluidic propulsion driven by artificial cilia

Description:
This supplementary information contains three animations (avi-format).

1. orientational_asymmetry.avi
   Animation corresponding to Fig. 4 for theta = −45 deg. and Te = Tr.

2. re_0_with Spatial_asymm.avi
   Animation corresponding to Fig. 3(a). Trajectory of particles over two cycles for Te = Tr, a = 0.3L and b = 0.25L. (Stokes regime)

3. Re_10_with Spatial_asym.avi
   Animation corresponding to Fig. 3(b). Trajectory of particles over two cycles for Te = Tr, a = 0.3L and b = 0.25L. (Re = 10)

Total No. of Files: 4

Filenames:
orientational_asymmetry.avi, re_0_withpatial_asymmetric.avi, Re_10_withpatial_asymmetric.avi, README.TXT

Filetypes: video, txt

Special Instructions:

Contact information:
Dr. Patrick Onck
Nijenborgh 4
9747 AG Groningen
The Netherlands
Phone: 011+31-50-3638039  FAX: 011+31-50-3634886
Email: p.r.onck@rug.nl

==============================================================================