Electronic Supplementary Material (ESI) for Soft Matter. This journal is © The Royal Society of Chemistry 2021

Supplemental Videos

The three supplemental videos show the defect pair at frequency v = 250 Hz and three different applied fields:

- 1. StableDefectGS, 3.5 x 10^6 V m⁻¹ (E < E_{rev1})
- 2. WobbleGS, 5.7 x 10^6 V m^{-1} ($E_{rev1} < E < E_{rev2}$)
- 3. CoRevDefectGS, $6.5 \times 10^6 \text{ V m}^{-1}$ (E > E_{rev3})