Abstract Submitted
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Capillary rise between exible walls[1] JOSÉ BICO, THOMAS CAMBAU, ETIENNE REYSSAT, PMMH-ESPCI — We report experimental work on capillary rise of a liquid in a cell formed by parallel plates, one of which is flexible. We show that above a critical width, the cell collapses under the negative capillary pressure in the liquid. This collapse allows the liquid to rise virtually without limit between the plates. The height of the rising front is found to increase with time as $t^{1/3}$, a characteristic of capillary imbibition in a wedge.

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