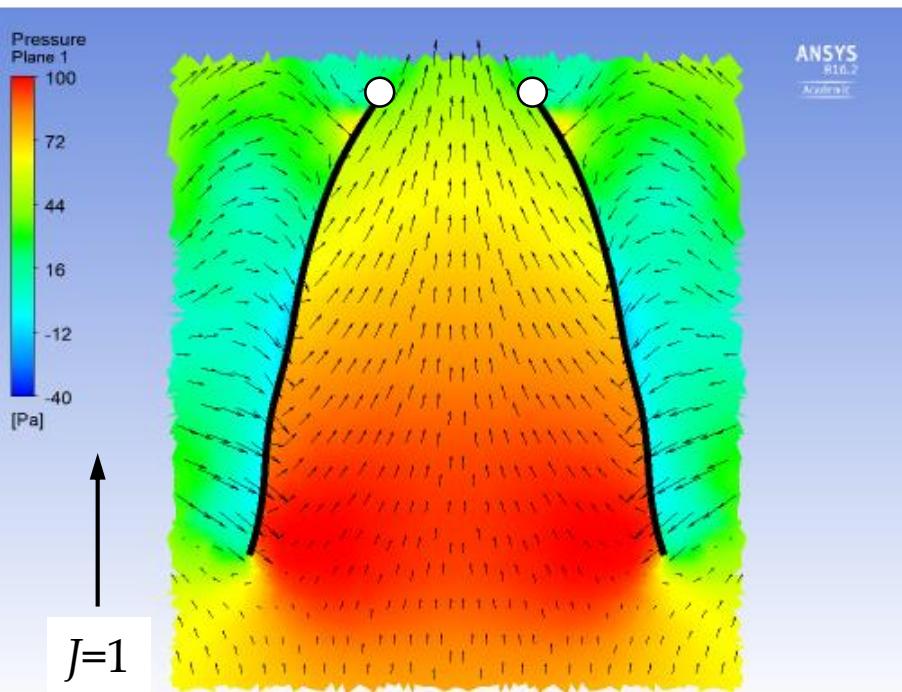
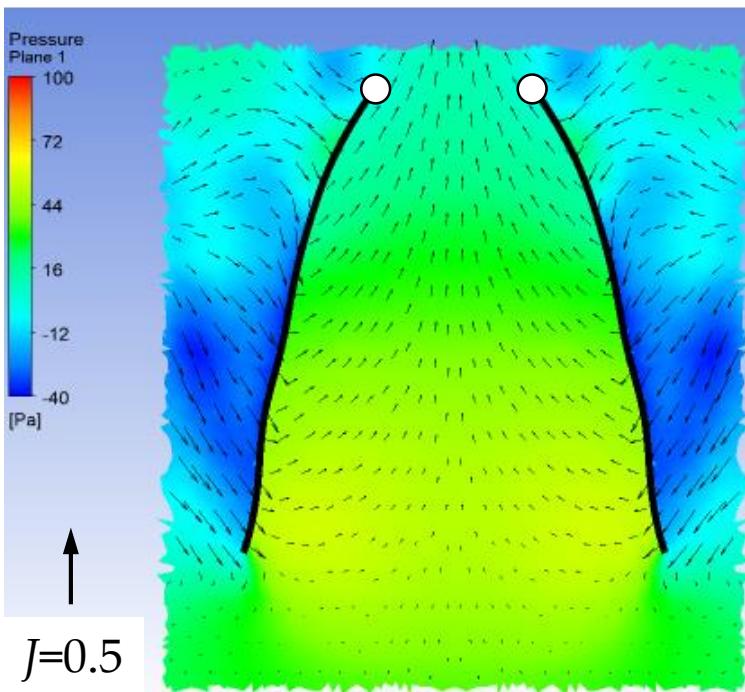
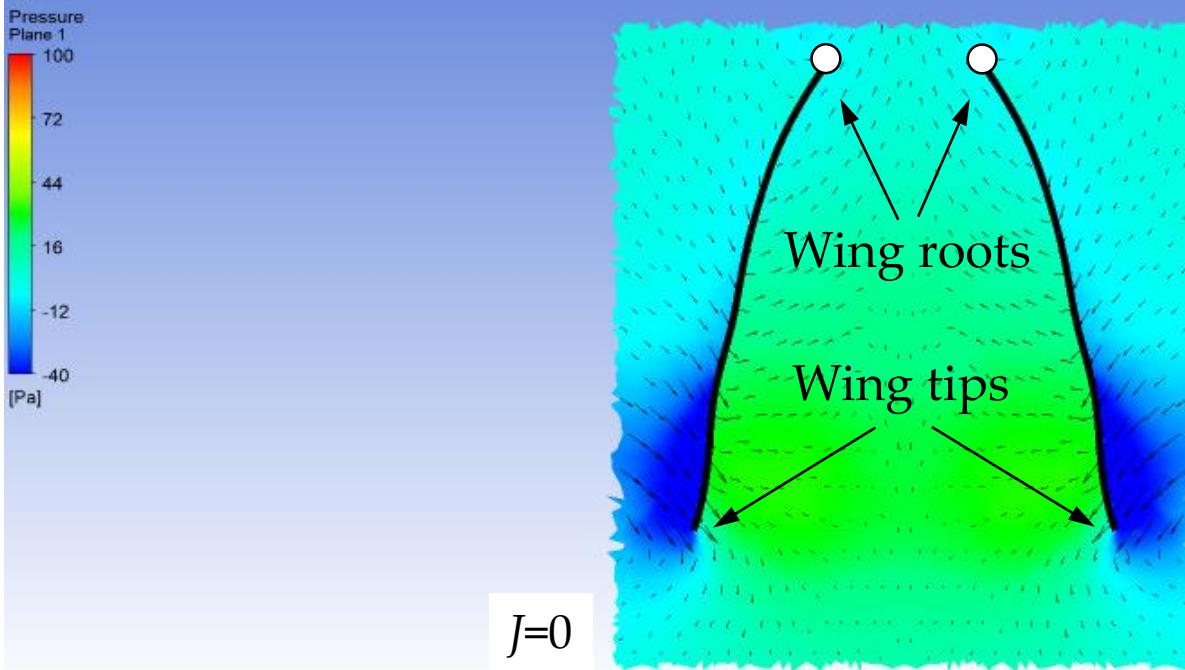
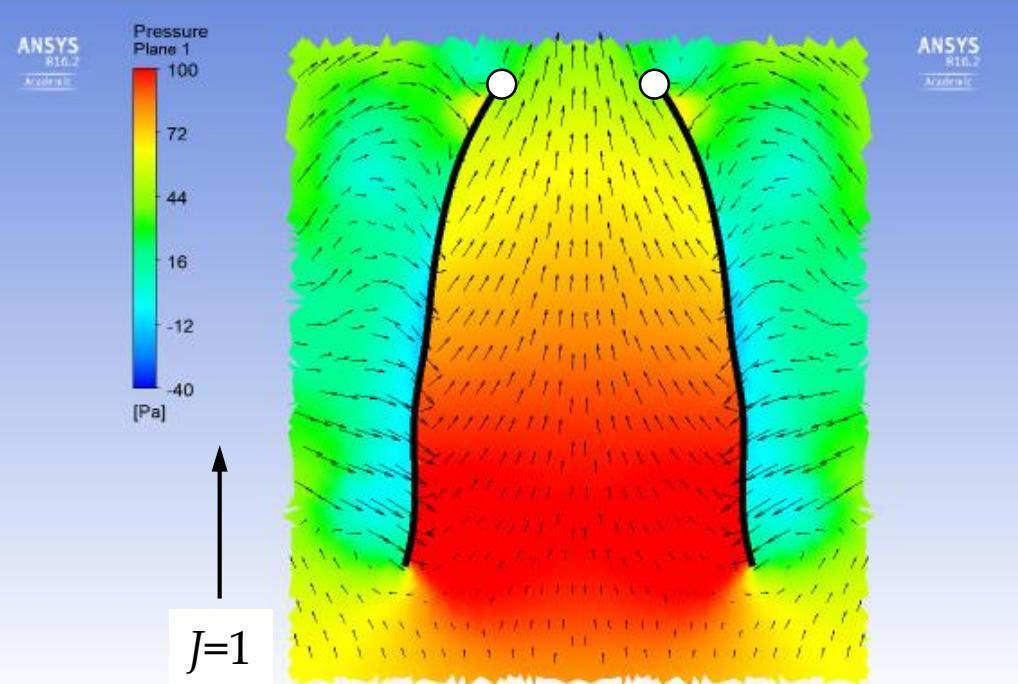
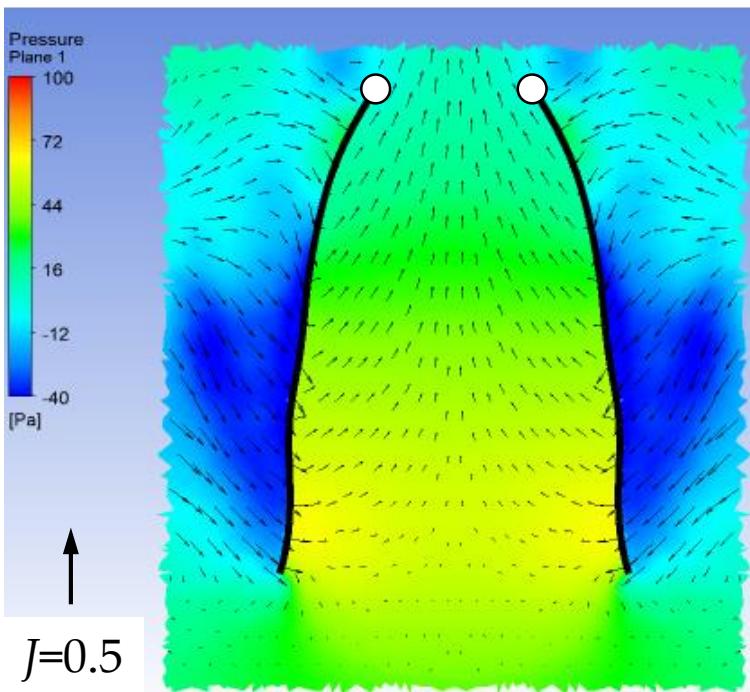
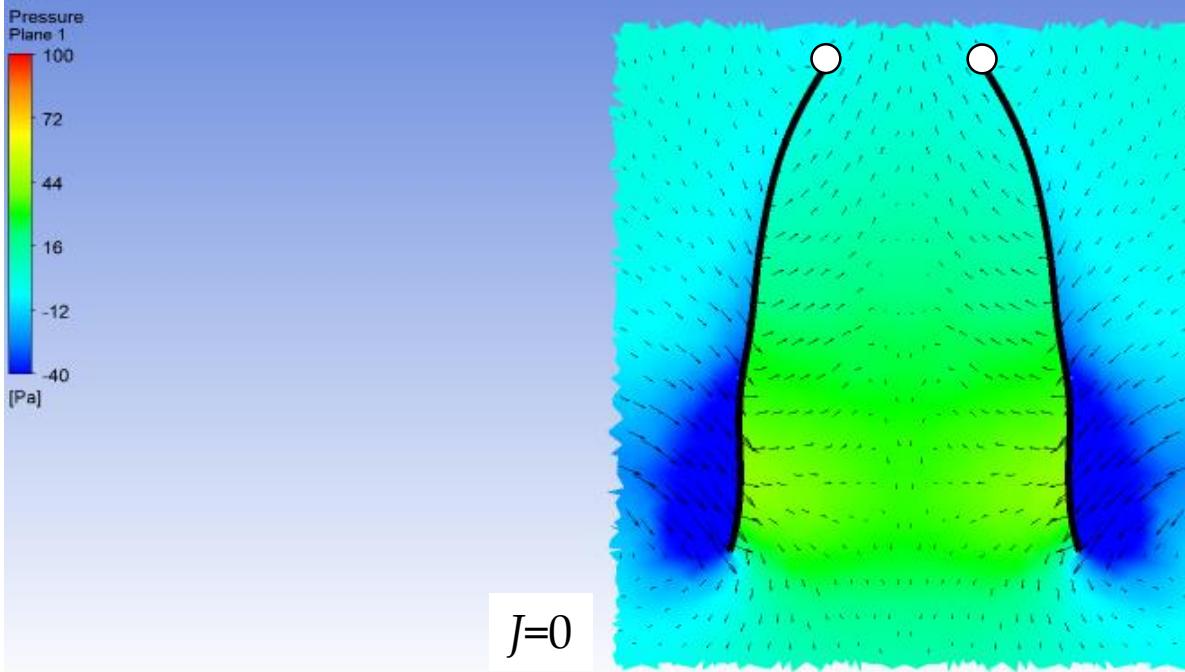
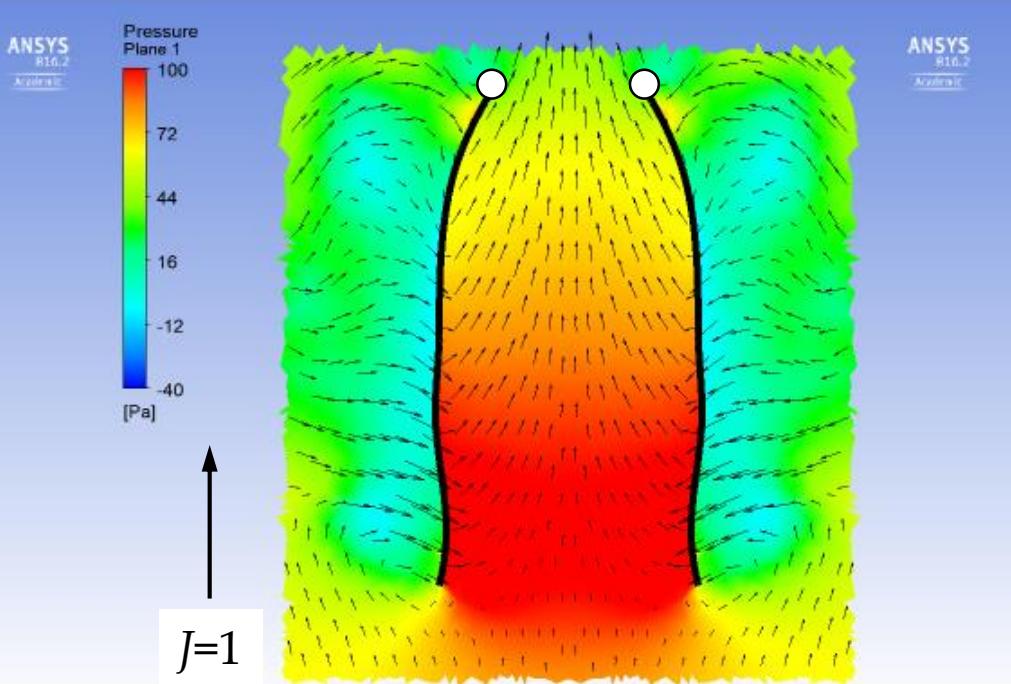
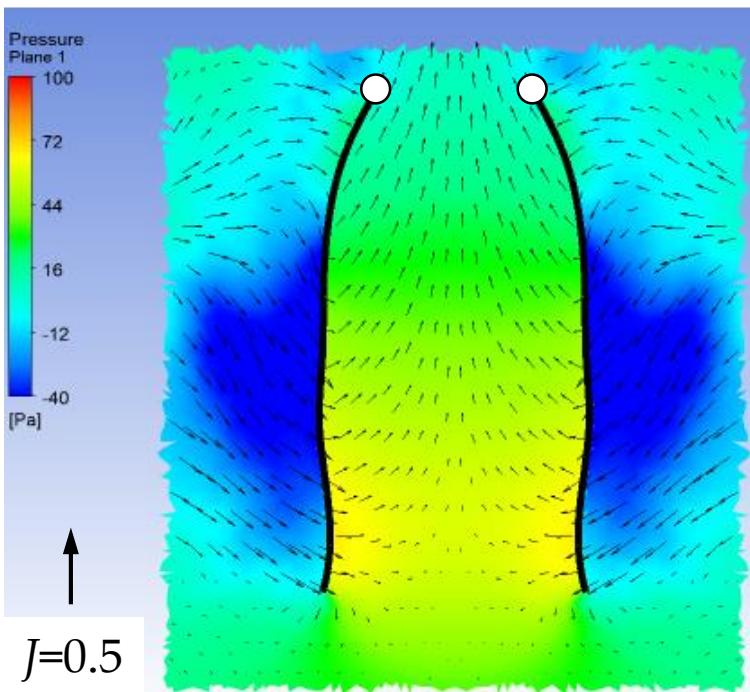
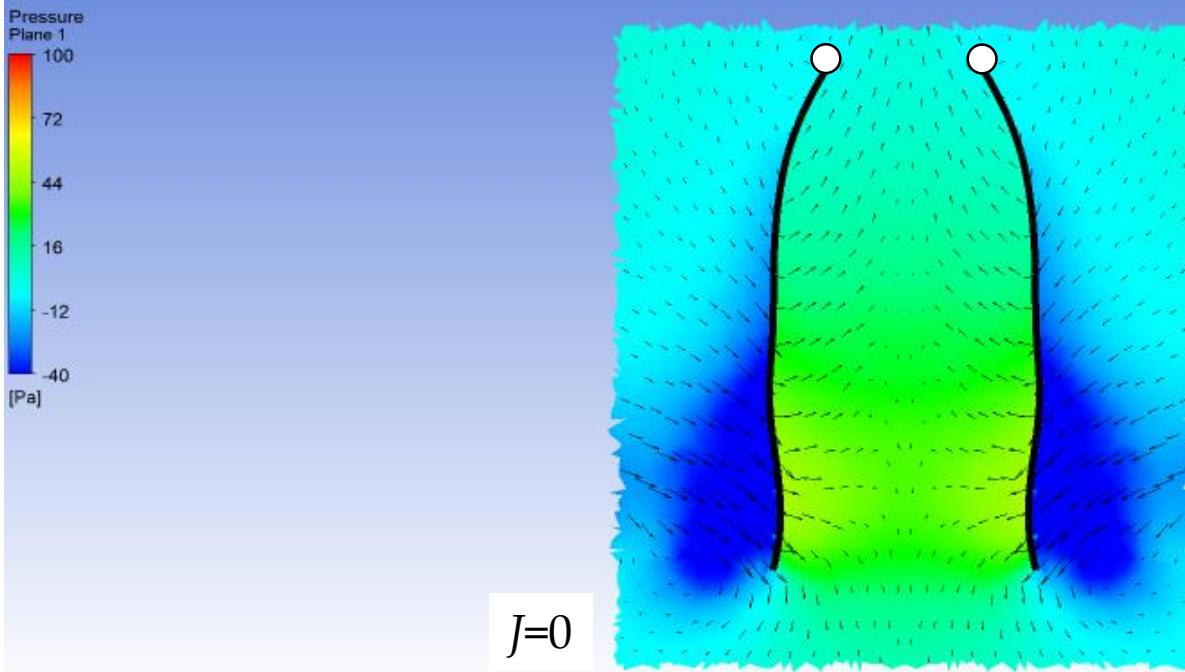
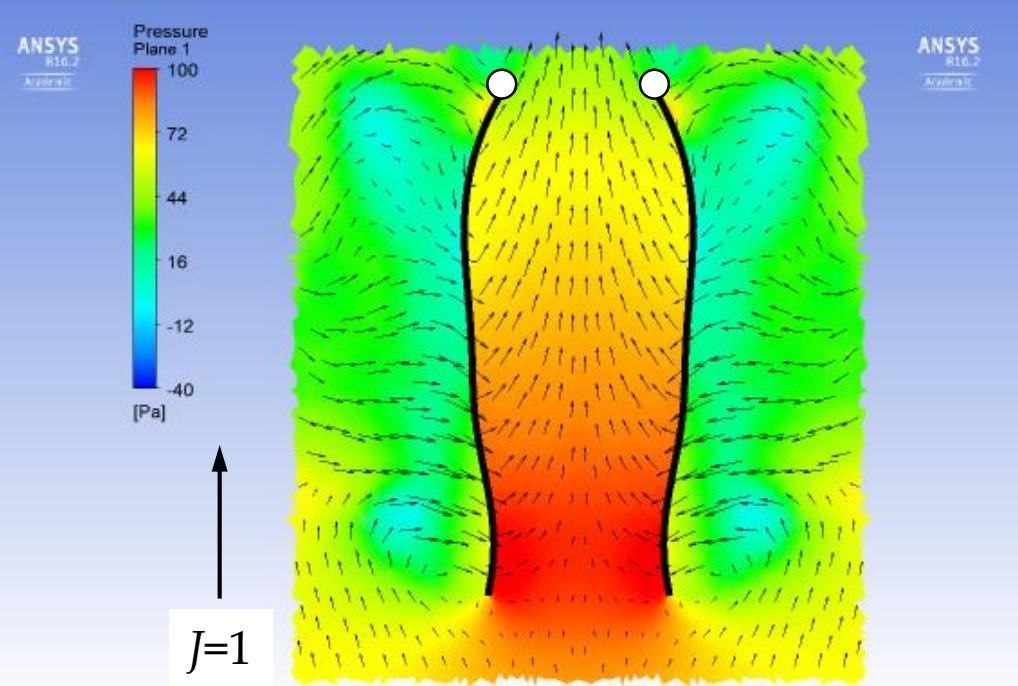
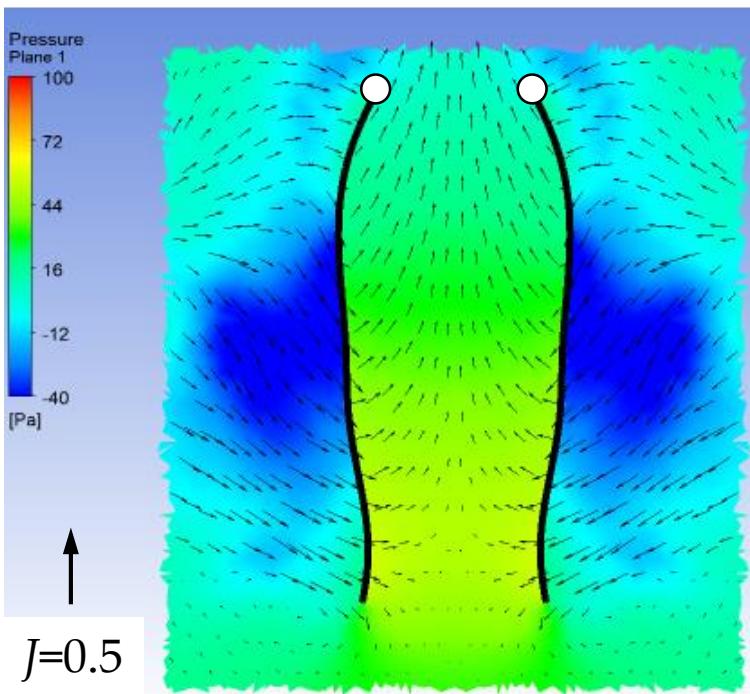
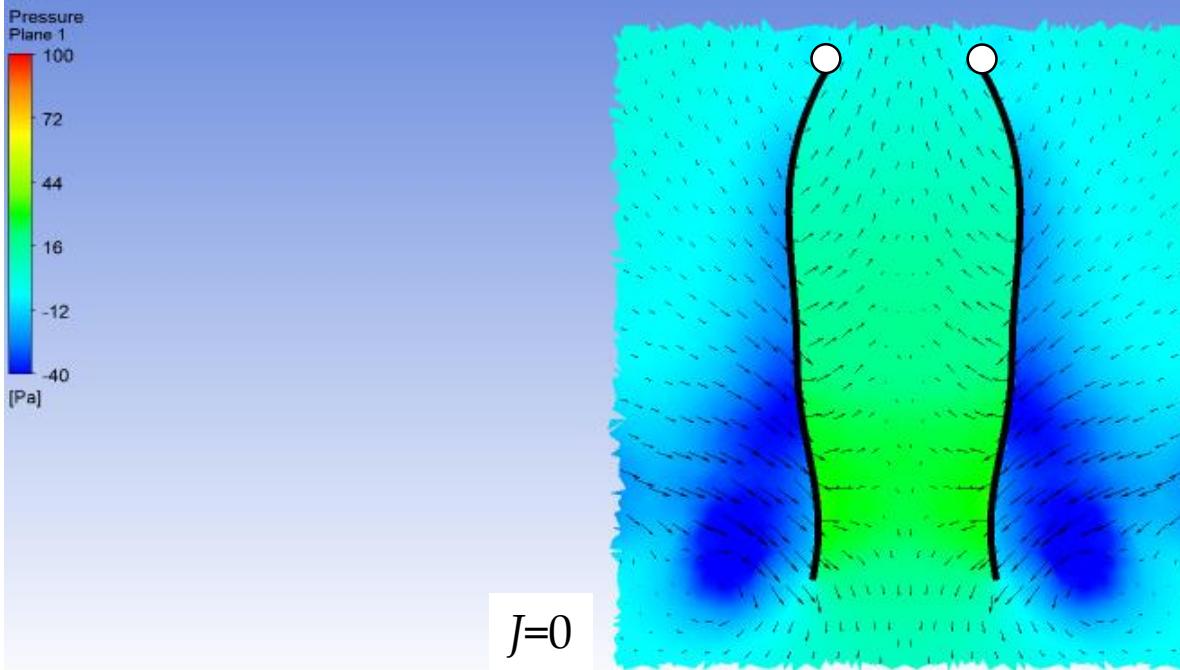


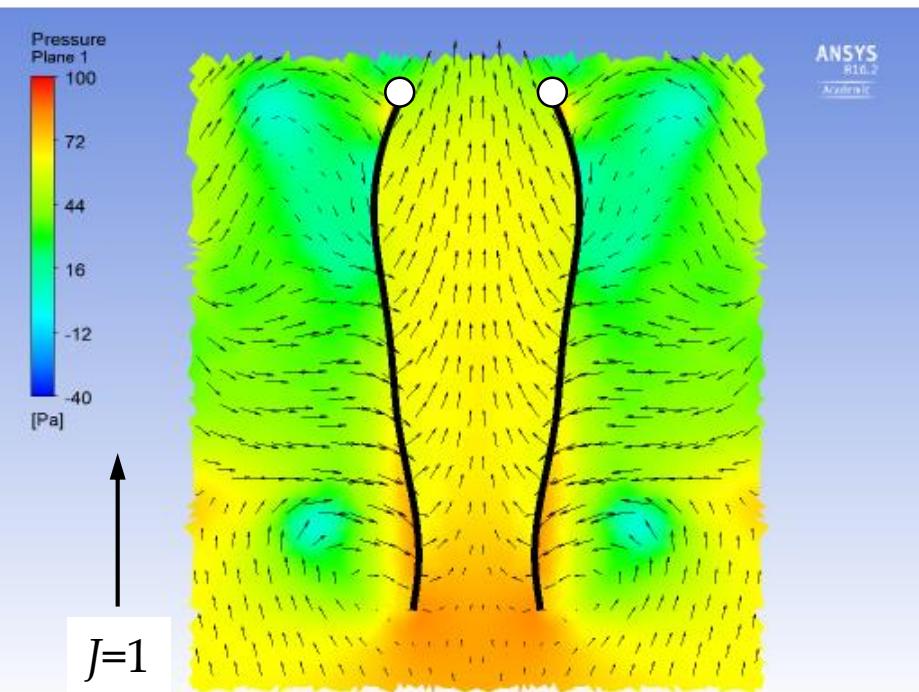
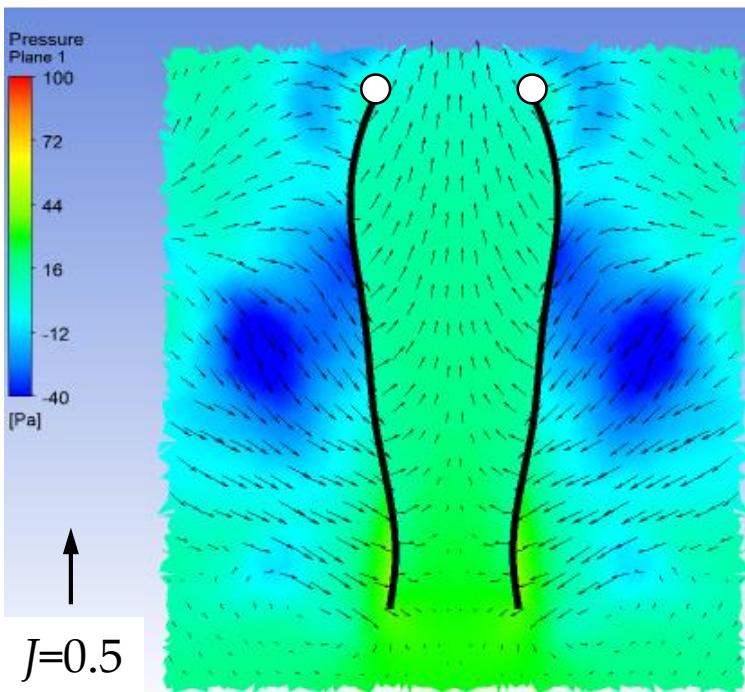
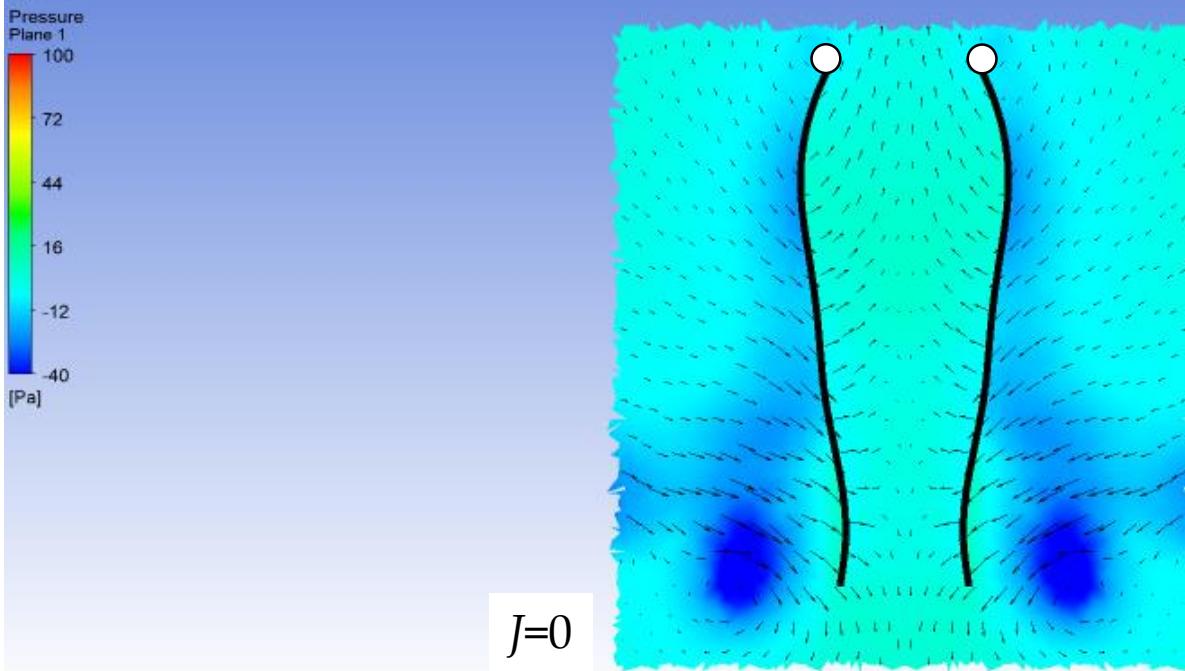
Figure S3: Flow fields in $50\%c_m$ -plane during down-stroke reversal. For all values of J , the wing distance is 16 mm. The black curves are the intersections between the wings and the plane. The wing roots are marked with white circles.

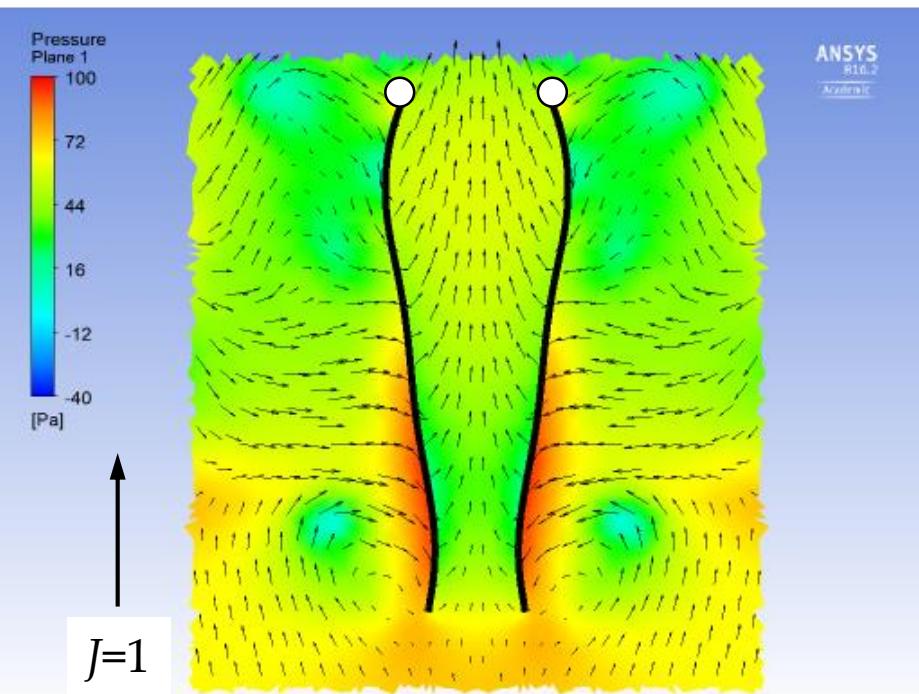
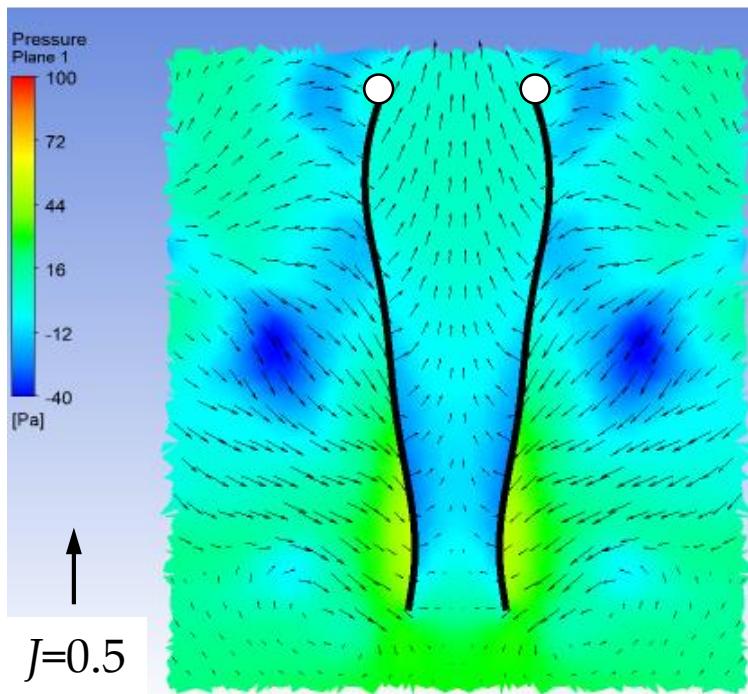
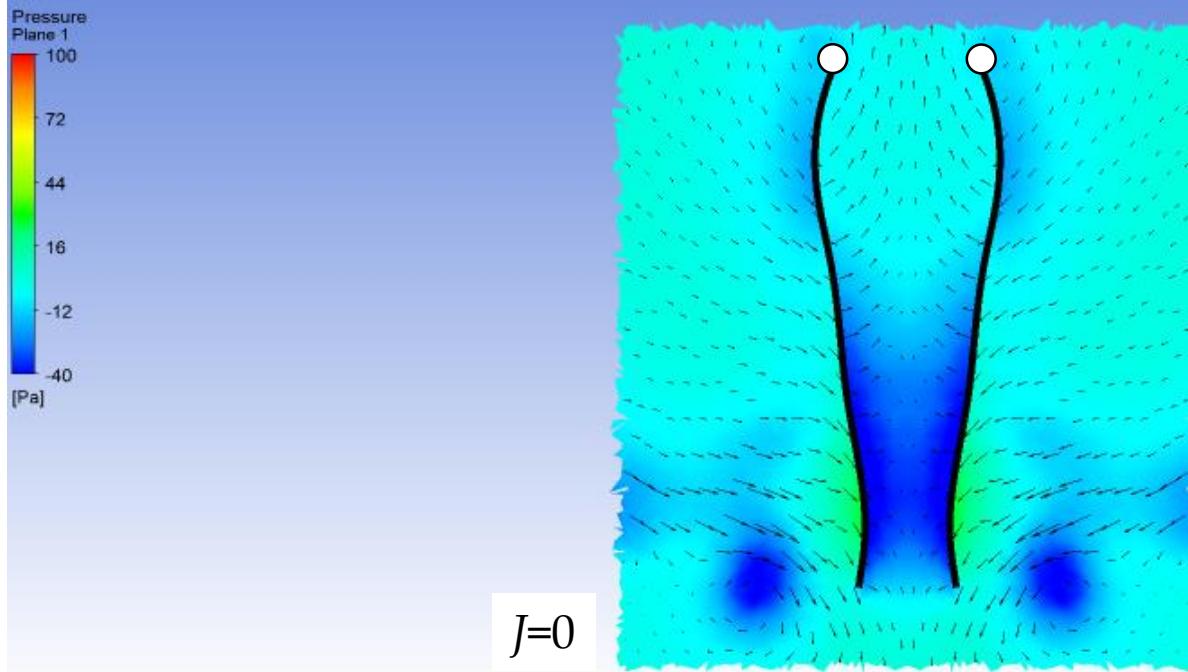
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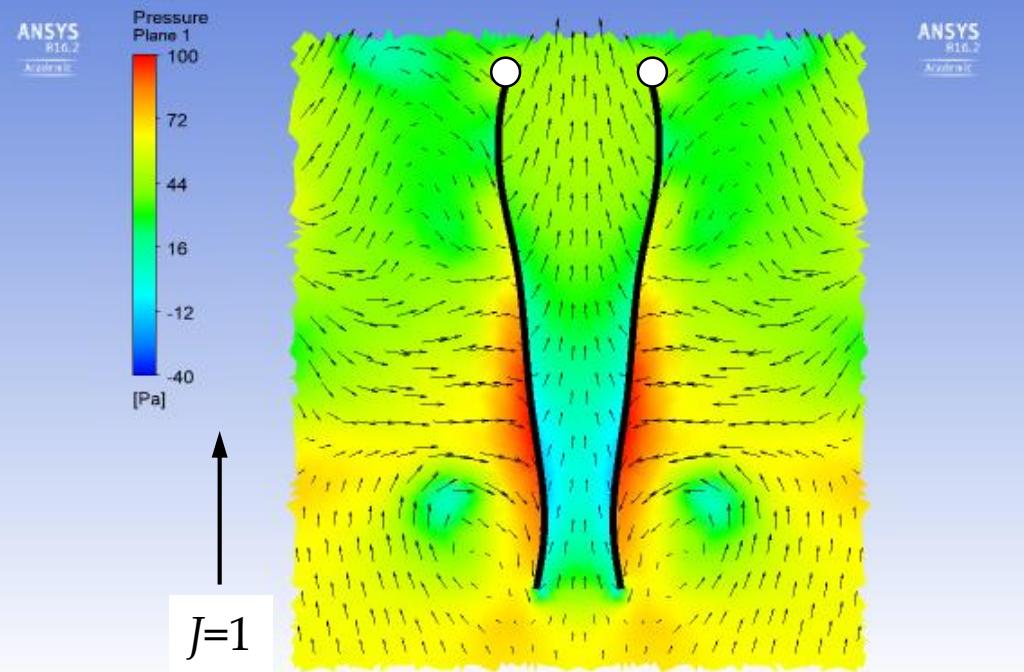
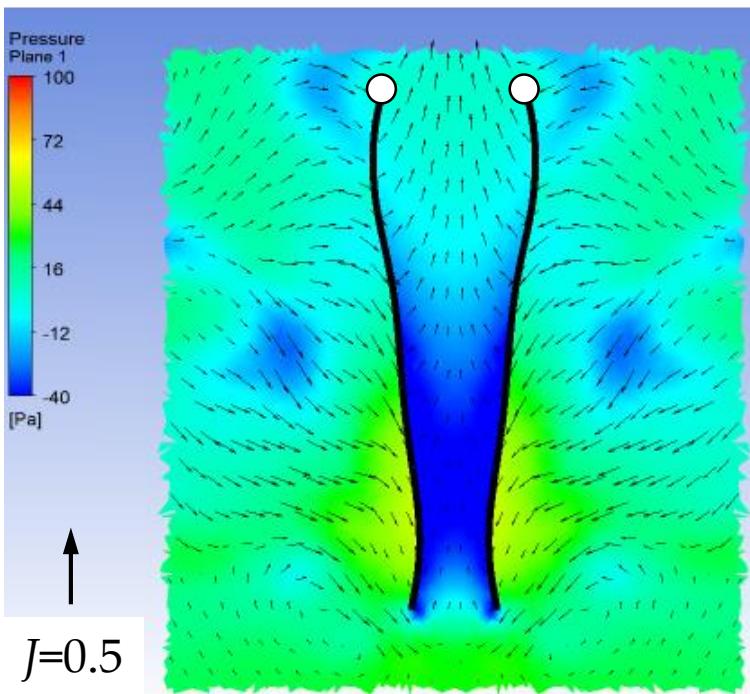
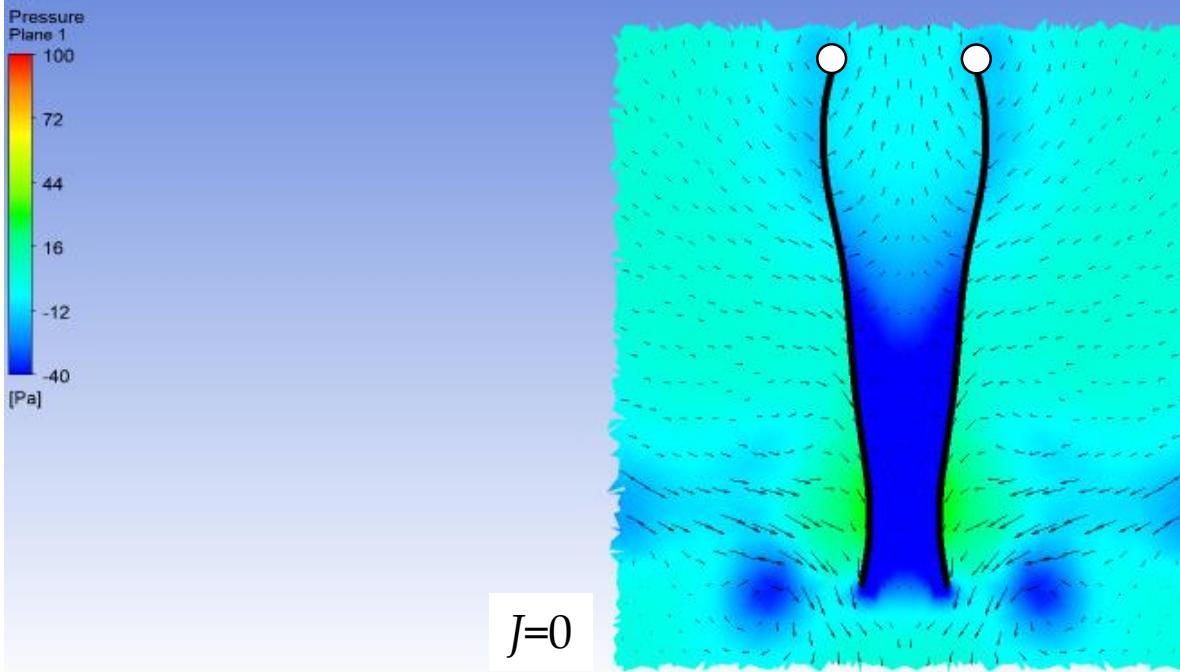
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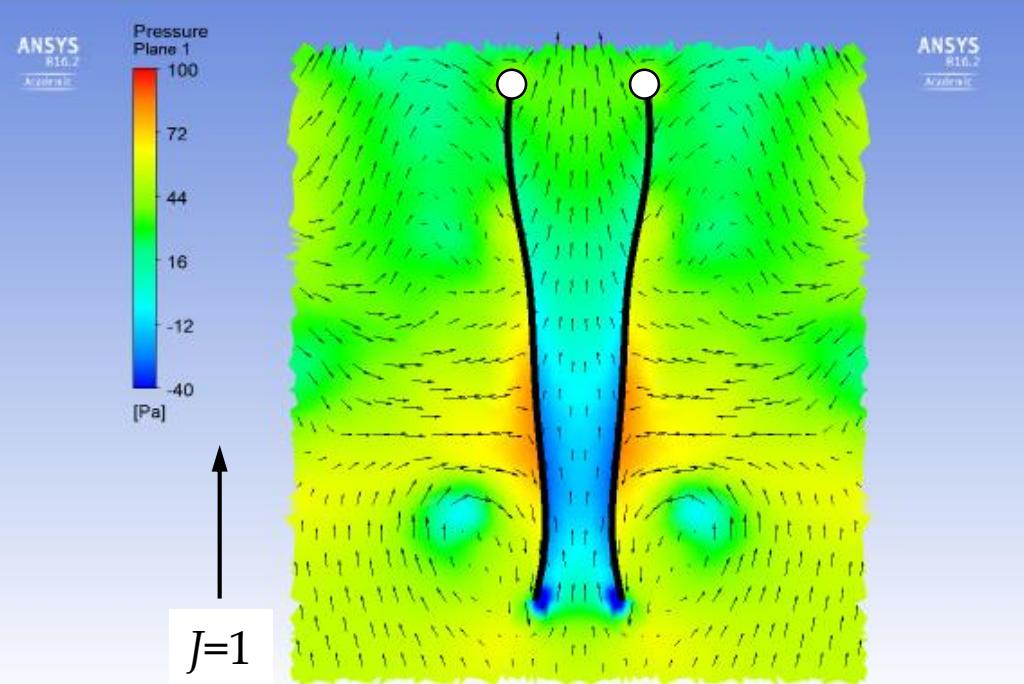
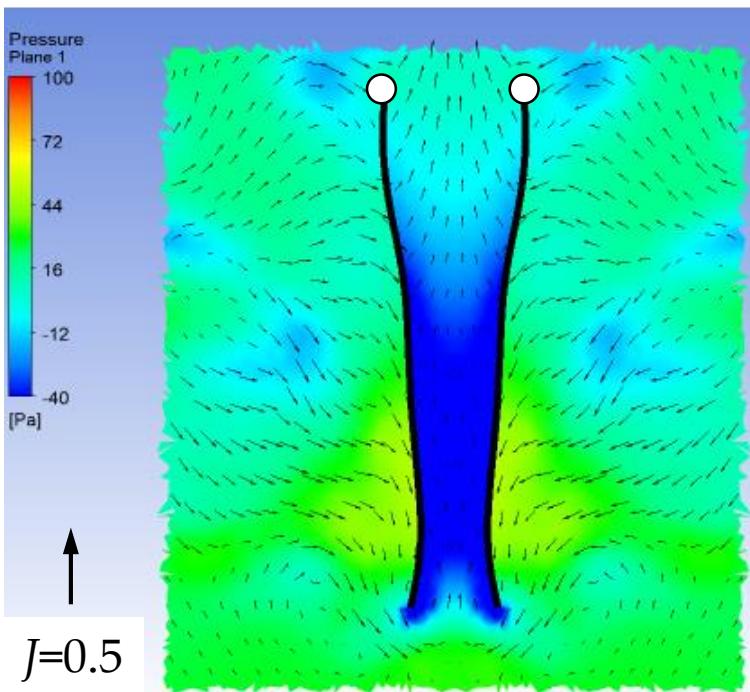
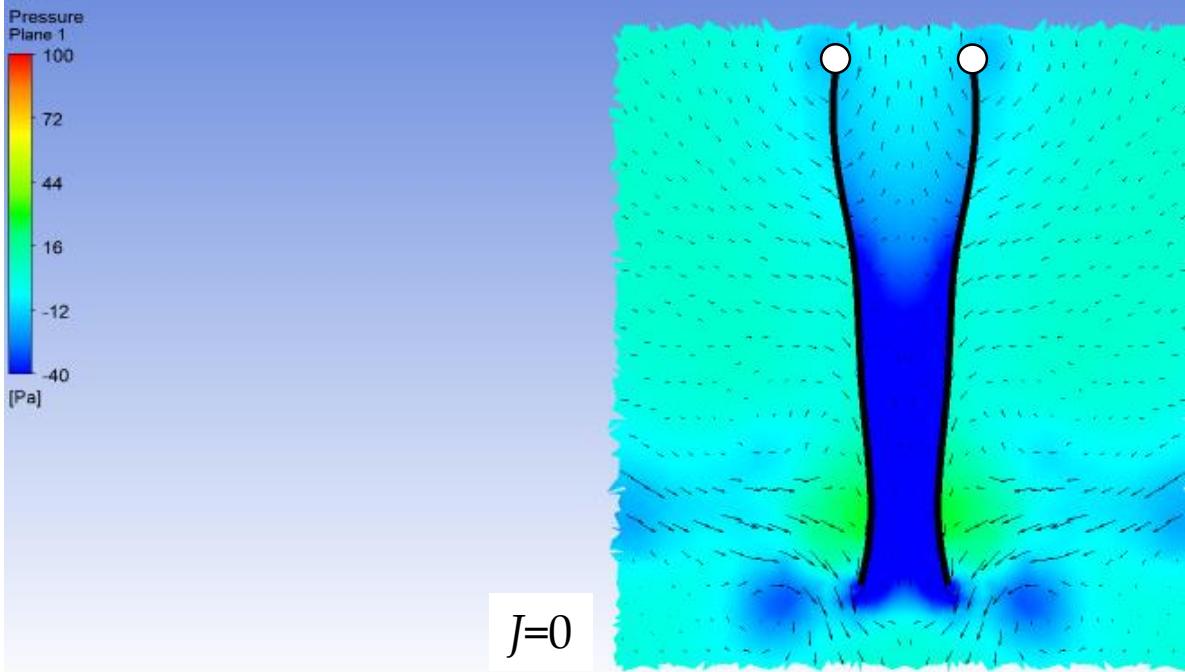
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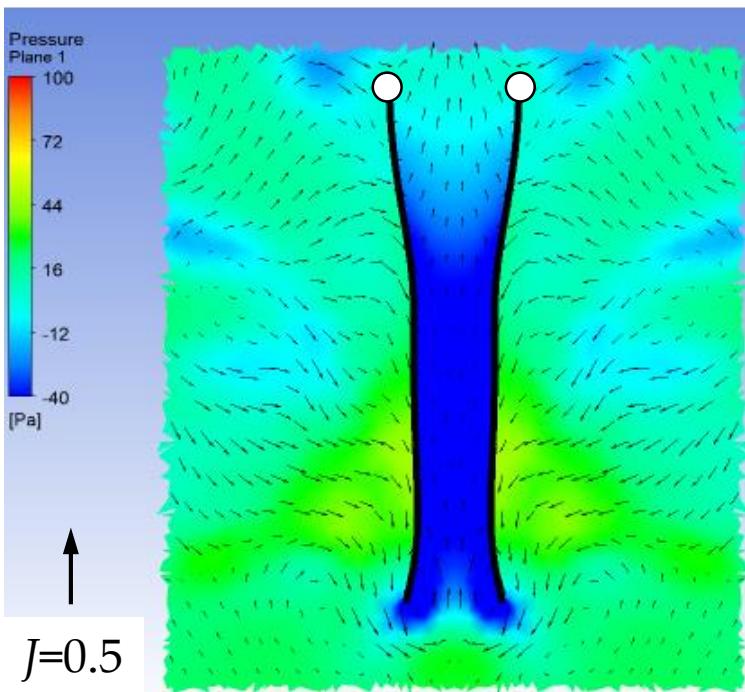
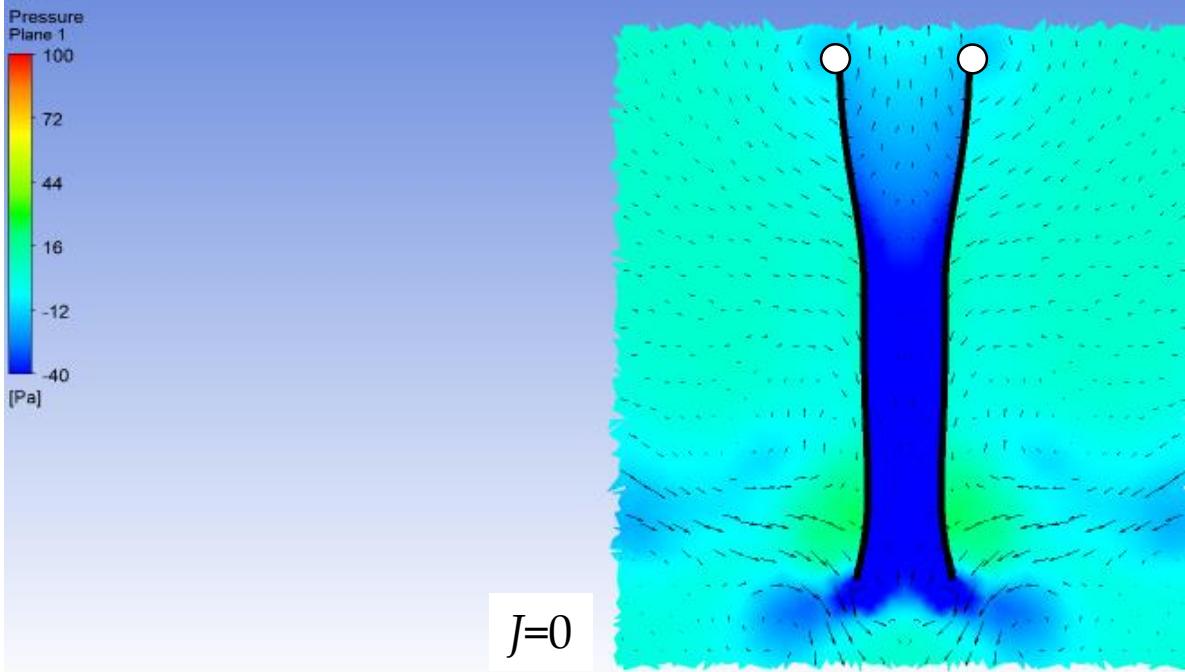
$t/T=0.24$ 

$t/T=0.25$ 

$t/T=0.26$ 

$t/T=0.27$ 

$t/T=0.28$ 

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