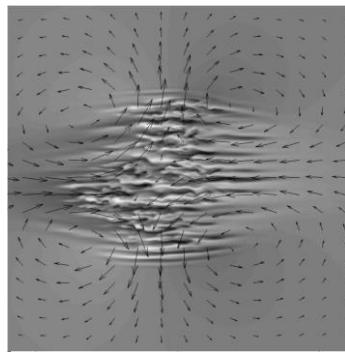
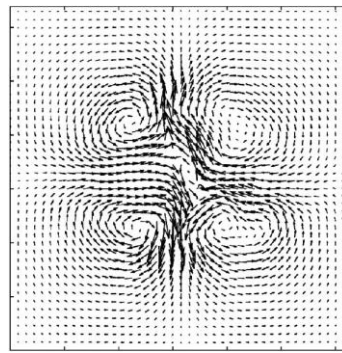


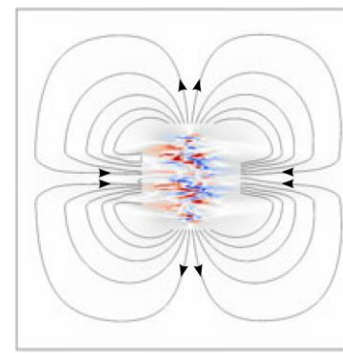
Experiment (Couliou & Monchaux 2016)



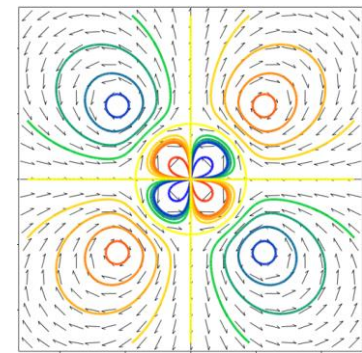
DNS (Duguet & Schlatter 2013)



Modelling (Lagha & Manneville 2007)



DNS Waleffe flow (Chantry et al. 2016)

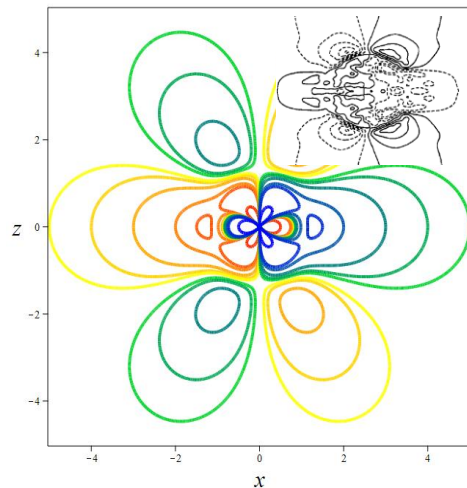


Analytical solutions from reduced NSE

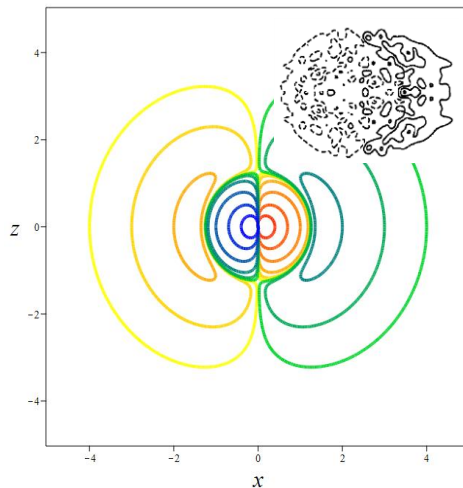
Quadrupolar flows around turbulent spots in plane shear flows

Zhe Wang¹, Yohann Duguet² & Romain Monchaux³

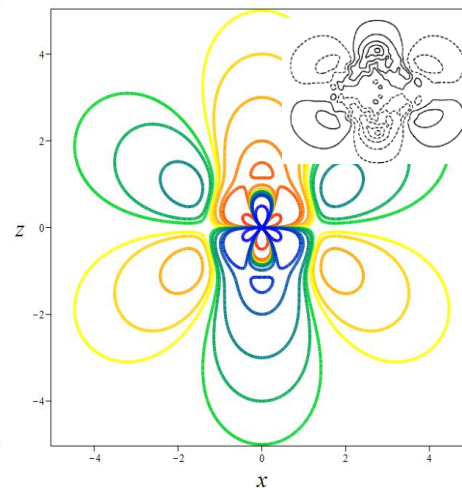
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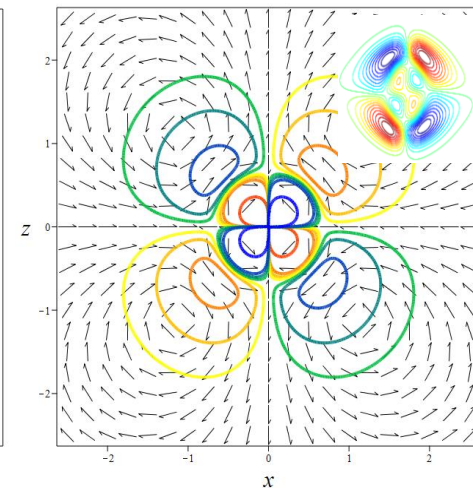
Contours for streamwise velocity



Contours for wall-normal velocity



Contours for spanwise velocity



Contours for wall-normal vorticity