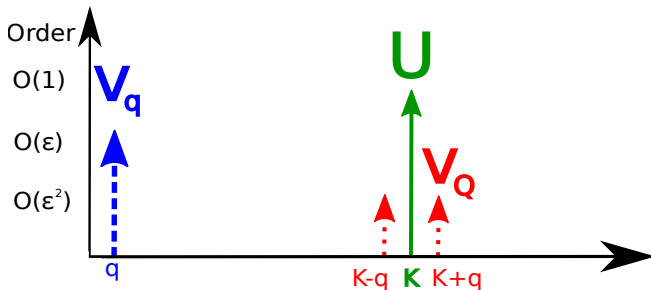


Large scale instability of helical flows

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RNL 2016



AKA-effect:

Negative eddy viscosity:

Flows studied:

$$\sigma = \alpha q - \nu q^2 \quad , \quad \alpha = aReU_0$$

$$\sigma = \beta q^2 - \nu q^2 \quad , \quad \beta = b\nu Re^2$$

ABC flows with $A = 1 : B = 1 : C = \lambda$

