



## Abstract View

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# A Zonally Uniform Regime in the Oceanic Circulation

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### ABSTRACT

The hypothesis of a zonally uniform regime for the interior oceanic circulation is advanced. The regime is found theoretically in frictional models, such as the one by Stommel (1948), when the meridional scale is small compared to the zonal one. While the interior solution is independent of longitude, there remains an east-west asymmetry of the meridional boundary currents. A discussion of more general, zonally uniform regimes in the oceans is given, and a comparison is made with the corresponding regime in the atmosphere.

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