

Abstract Submitted
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Modes in rotating troposphere with a leak LYUBOV CHUMAKOVA,
RODOLFO ROSALES, MIT, ESTEBAN TABAK, CIMS, NYU — We study how
the rigid lid modes change, if the effect of waves leaking into the stratosphere from
the troposphere is taken into account in the linear, hydrostatic, incompressible,
rotating case. We present an effective boundary condition which accounts for the
leak and the resulting “leaky modes.” This work is partially supported by NSF
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Lyubov Chumakova
MIT

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