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Leading modes of variability in AP simulations

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We present a study of the low-frequency variability of the zonal-mean circulation in full-physics, steady-state AP simulations. The leading mode appears to conform to a delayed-oscillator paradigm. We analyze the involvement of fluxes of moisture and angular momentum, both in the inner domain and at the boundaries, in shaping and sustaining this mode, and we discuss its sensitivity to peculiarities of simulations with current GCMs, such as non-conservation.