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Wladimir de Azevedo Pribitkin* (wladimir.pribitkin@csi.cuny.edu). *Modularity Is the Thing*. Preliminary report.

We revisit and interconnect certain seminal works of Petersson and Rademacher, Eichler and Knopp, Selberg and Niebur. We focus especially on the Fourier expansions of modular invariants, modular forms, modular integrals, and beyond. (Received March 21, 2017)