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After a brief discussion of the nature and generality of the category, staircase metric geometry, as well as its accompanying methodology, we utilize this framework to set metrics featuring geodesics that, in the parameter space view, mimic curves with familiar properties. We do the same in the differentiable category, and with similarly tracked geodesics; comparisons between the two schemes are discussed. As time allows, a further broadening of the SMG category via the utilization of yet more general metrics on the various sub-domains would be discussed. (Received September 14, 2017)