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Spiraling geodesics (II) in staircase metric geometries.

Further results in the category, staircase metric geometry. After providing a brief introduction to our category of geometric systems, we report on the continued investigation of geodesics in these systems that exhibit a spiraling characteristic. The construction of new examples of semi-complete geodesics of this type utilizes a dilation factor boundary scheme ‘orthogonal’ to that featured in our earlier constructions. The constructed parameter space features other differences from those earlier examples, and suggests new directions in the work. Finally, on a broader note, we discuss a form of the angle change law governing df-boundary crossings of geodesics in very general 2-dimensional (positive definite) SMG systems. (Received September 12, 2015)