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Srijanani Anurag Prasad* (srijanani@iittp.ac.in), Indian Institute of Technology Tirupati, Renigunta Road, Settipalli post, Tirupati, 517506, India. *Super Coalescence Hidden-variable Fractal Interpolation Function.*

A new notion of Super Coalescence Hidden-variable Fractal Interpolation Function (SCHFIF) is introduced. The construction of SCHFIF involves choosing an IFS from a pool of several non-diagonal IFS at each level of iteration. Further, the integral of a SCHFIF is shown to be a SCHFIF passing through a different set of interpolation data. (Received July 14, 2021)