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J. Scott Carter* (carter@southalabama.edu), Department of Mathematics and Statistics, ILB 325, Mobile, AL 36688. *Using globular in geometric and categorical contexts.*

Jamie Vicary's program globular give new freedoms to construct and compute with knotted surfaces, knotted 3-manifolds, and even embedding or immersed 4-manifolds in 6-dimensional space. The program allows explicit embeddings and immersions, and in many cases isotopies of these can be performed. In this talk, I will continue to present illustrations and examples of the utility and simplicity of the program, (Received September 07, 2016)