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Carmen Caprau*, Department of Mathematics, California State University, Fresno, 5245 N. Backer Avenue M/S PB 108, Fresno, CA 93740. *From trivalent tangles to handlebody-tangles and their invariants*. Preliminary report.

We use trivalent tangles and classical knot theory to provide a recipe for constructing invariants of knotted trivalent graphs and handlebody-tangles. (Received February 05, 2018)