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Blake Mellor* (`blake.mellor@lmu.edu`) and **Sean Nevin**. *Virtual Rational Tangles*.

We use Kauffman's bracket polynomial to define a complex-valued invariant of virtual rational tangles that generalizes the well-known fraction invariant for classical rational tangles. We provide a recursive formula for computing the invariant, and use it to compute several examples. (Received September 06, 2019)