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Pennsylvania, 209 South 33rd Street (David Rittenhouse Lab), Philadelphia, PA 19104-6395, and
Mikhail Khovanov. Functorification via SLarcs.

Categorification lifts abelian groups to Grothendieck groups of categories. Functorification (or functorization) lifts homomorphisms between abelian groups to functors between categories. We use the ring of SLarcs to functorize several operations on the ring of one-variable polynomials. (Received August 16, 2010)