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Uwe Kaiser* (kaiser@math.boisestate.edu), Department of Mathematics, Boise State University, 1910 University Drive, Boise, ID. *Skein modules and bordism functors*. Preliminary report.

We explain how certain abstract or embedded bordism functors can be used to define skein modules of tangles, graphs or surfaces in 3-manifolds. This will be discussed for the specific way in which open-closed field theory can be used to construct a skein theory extending the Bar-Natan skein theory. (Received September 07, 2009)