1108-13-234 **Sergey Fomin*** (`fomin@umich.edu`) and **Pavlo Pylyavskyy**. *Webs on surfaces, rings of invariants, and clusters.*

We construct and study cluster structures in rings of SL_3-invariants of collections of vectors, covectors, and matrices, using combinatorics of webs on marked surfaces with boundary. (Received January 14, 2015)