1095-18-259   **Radmila Sazdanovic*** (`rsazdanovic@math.ncsu.edu`), Department of Mathematics, North Carolina State University, PO Box 8205, Raleigh, NC 27695, and **Mikhail Khovanov**. *Categorification of the Chebyshev polynomials.* Preliminary report.

We introduce a diagrammatic categorification of the one-variable polynomial ring Z[x] which leads to categorification of some basic special functions such as Chebyshev polynomials. (Received September 10, 2013)