1016-03-184   **John Chisholm**, **Jennifer Chubb** and **Valentina S. Harizanov*** (`harizanv@gwu.edu`),
Department of Mathematics, George Washington University, Washington, DC 20052, and **Denis
Hirschfeldt**, **Carl G. Jockusch, Jr.**, **Timothy McNicholl** and **Sarah Pingrey**. *Strong degree
spectra of relations.* Preliminary report.

For a computability theoretic reducibility r, the *r-degree spectrum* of a new relation R on a computable structure A is the set of all r-degrees of the images of R in all isomorphic computable copies of A. For truth-table and weak truth-table reducibility, we focus on degree spectra of initial segments of computable linear orderings. These degree spectra results are connected with the results on degrees of ranked sets, as discussed by Carl Jockusch in this session. (Received February 11, 2006)