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**Damir Dzhafarov** (damir.dzhafarov@uconn.edu), **Ludovic Patey** (ludovic.patey@gmail.com), **Reed Solomon\*** (david.solomon@uconn.edu) and **Linda Brown Westrick** (linda.westrick@gmail.com).  *$RT_k^1$ ,  $SRT_\ell^2$  and sc-reducibility*. Preliminary report.

We review the notion of sc-reducibility and discuss recent work showing that if  $k > \ell \geq 2$ , then  $RT_k^1$  is not sc-reducible to  $SRT_\ell^2$ . (Received August 10, 2015)