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Bacim Alali* (alali@math.utah.edu), 155 S 1400 E ROOM 233, Salt Lake City, UT 84112, and
Daniel Onofrei (onofrei@math.utah.edu), 155 S 1400 E ROOM 233, Salt Lake City, UT 84112.

Coordinate transformations of two scale convergent sequences.

We discuss how coordinate transformations, such as translations, rotations, and scalings, affect two scale convergence. We show, for example, that a two scale convergent sequence is no longer two scale convergent once translated, except for "trivial" translations. (Received September 23, 2010)