1167-57-293   **D. B. McReynolds*** (`dmcreyno@purdue.edu`), 150 N University St, 150 N University St, W Lafayette, IN 47907-2067. *Some elementary correspondence in group theory (with applications to algebra/geometry).*

I will discuss an elementary correspondence in group theory that has been used extensively to construct pairs of distinct algebraic/geometric/topological objects that are remarkably similar. I will review some of the work on this topic and will end with some more contemporary applications arising from refinements of this construction. (Received March 09, 2021)