1145-VL-1318   **Daniel A McGinnis*** (`daniel.mcginnis15@ncf.edu`), 5800 Bay Shore Road, Sarasota, FL 34243, and **Eirini Poimenidou**. *Construction of a $2n$-Starter from a 2-Starter, and New Solutions to the Oberwolfach Problem.* Preliminary report.

We demonstrate a method of constructing a 1-rotational $2n$-factorization under $G \times \mathbb{Z}_n$ given a 1-rotational 2-factorization under a finite group G. This construction, given a 1-rotational solution to the Oberwolfach problem $OP(a_\infty, a_1, a_2 \cdots, a_n)$, allows us to find a solution to $OP(2a_\infty - 1, {}^2 a_1, {}^2 a_2 \cdots, {}^2 a_n)$ when the a_i's are even ($i \neq \infty$), and $OP(p(a_\infty - 1) + 1, {}^p a_1, {}^p a_2 \cdots, {}^p a_n)$ when p is an odd prime, with no restrictions on the a_i's. (Received September 20, 2018)