"Daisy, Daisy, give me your answer, do!"

If *n* is odd, a daisy chain for the units of \mathbb{Z}_n is obtained by arranging the units of \mathbb{Z}_n on a circle in some order

$$a_1, a_2, \dots, a_{\phi(n)}$$

such that the set of differences

$$b_i = a_{i+1} - a_i$$

 $(i = 1, 2, ..., \phi(n))$, with $a_{\phi(n)+1} = a_1$ is itself the set of units. I shall give various constructions for daisy chains for odd values of *n* having prime power decompositions of the forms p^i , $p^i q^j$, and pqr. Some of the constructions depend on results given some years ago by the astonishingly prescient Cameron and Preece in their web-notes on primitive lambda-roots. I shall also be addressing the important combinatorial concepts of fertility and green manures¹

¹In agriculture, a "green manure" is a crop that is not harvested, but is instead ploughed in, for future benefit.