2.13 On remarque que $6 \equiv -5 \mod 11$.

$$5^n + 6^n \equiv 5^n + (-5)^n \overset{n \text{ impair}}{\equiv} 5^n - 5^n \equiv 0 \mod 11$$

$$5^n + 6^n \equiv 5^n + (-5)^n \overset{n \text{ impair}}{\equiv} 5^n - 5^n \equiv 0 \mod 11$$