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$$\begin{aligned}U_{2011} &= U_{2011} - U_{2010} \\&= (3 \times (2011^2) + 5 \times 2011) - (3 \times (2010^2) + 5 \times 2010) \\&= 12142418 - 12130350 \\U_{2011} &= 12068\end{aligned}$$