Problem. *Manuel Kauers, Research Institute for Symbolic Computation, 4040 Linz, Austria, and Sheng-Lang Ko, String Group at National Taiwan University, Taipei 10617, Taiwan.* Find a closed-form expression for

$$\sum_{k=0}^{n}(-1)^k\binom{2n}{n+k}s(n+k,k),$$

where s refers to the (signed) Stirling numbers of the first kind.