Title: The Skolem Problem

Abstract: *The Skolem Problem asks how to determine algorithmically whether a given integer linear recurrence sequence (such as the Fibonacci numbers) has a zero. It is an important question in theoretical computer science, dynamical systems, and number theory. Unfortunately, its decidability has been open for many decades. In this exploratory tandem, we will present a select survey of what is known about the Skolem Problem and related questions, including recent and ongoing developments.*