

# The Problem of the Month

## October 2023

The day of the week of January 1<sup>st</sup> determines the days of the week of the entire year that follows. Confining ourselves to regular years (i.e. disregarding leap years), what is the maximal number of occurrences of Friday the 13<sup>th</sup> for any year? What day of the week must January 1<sup>st</sup> be in order to achieve this maximal number? (Note that the 13<sup>th</sup> of October, 2023, falls on a Friday.)

