

## EE23BTECH11209 - K S Ballvardhan\*

**Question:** A series of natural numbers  $F_1, F_2, F_3, F_4, F_5, F_6, F_7, \dots$  obeys  $F_{n+1} = F_n + F_{n-1}$  for all integers  $n \geq 2$ . If  $F_6 = 37$ , and  $F_7 = 60$ , then what is  $F_1$ ? [GATE CS 2023]

Solution: