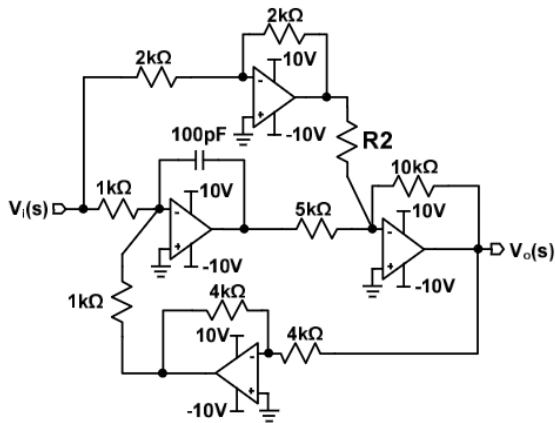


GATE - BM 41

EE23BTECH11215 - Penmetsa Srikar Varma

QUESTION

Q41) A filter designed using opamps, resistors and capacitors as shown in figure. Opamps are ideal with infinite gain and infinite bandwidth. If $\frac{V_o(s)}{V_i(s)}$ is an all-pass transfer function, the value of resistor R2 (in $k\Omega$) is



- (A) 1
- (B) 10
- (C) 5
- (D) 2

(GATE BM 2022)

SOLUTION