

Problem 2

Consider an infinite network consisting of resistors (resistance of each of them is r) shown in Fig. 3. Find the resultant resistance R_{AB} between points A and B.

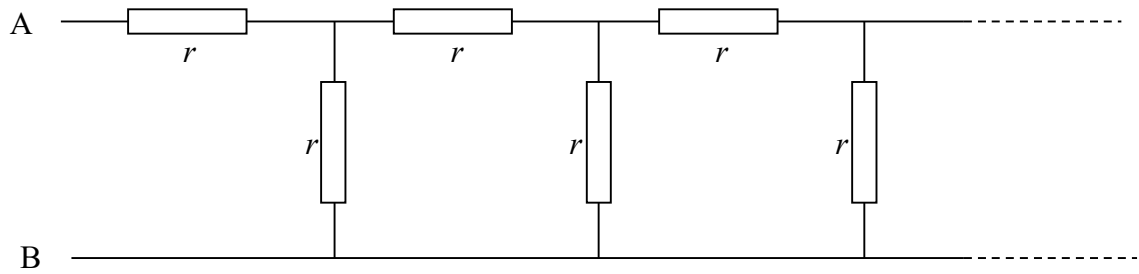


Fig. 3