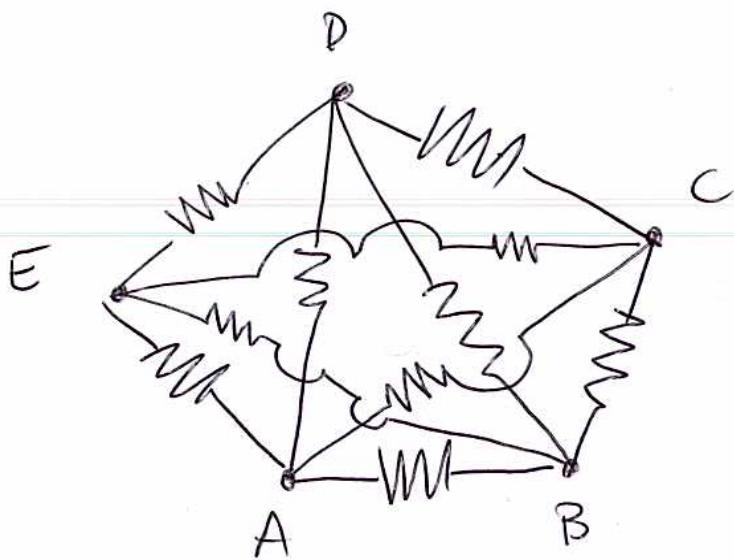


FOR INSTANCE FOR 5 POINTS



same  $R$ .  
 $\binom{5}{2} = 10$ .  
 Resistors

i.e. EACH PAIR OF POINTS IS  
 CONNECTED WITH AN  $R$  RESISTOR.

IT DOES NOT MATTER IF in 3-d or 2-d.



TAKE 2011 POINTS  
 $A_1, A_2, \dots, A_{2011}$

$\Delta V(A_i - A_j)$  is constant  $\forall i, j$  contiguous  
 (i.e. connected by  $R$ )

$\downarrow$   
 $R_{eq}(A_i, A_j) = ?$   
 contiguous