

Questions

1. Did you really find the equilibrant (F_3) to be equal and opposite to the resultant (R_{12}) of the other forces acting on the ring? What specific defects in the apparatus or imperfections in the procedure might have contributed to your percent errors and percent differences?

2. Usually, when you are given a pair of force vectors, it is possible to find a single force vector (called the resultant), which would have the same effect as the given vectors. Is it possible to find a single force vector equivalent to the pair of force vectors below? Why or why not?

