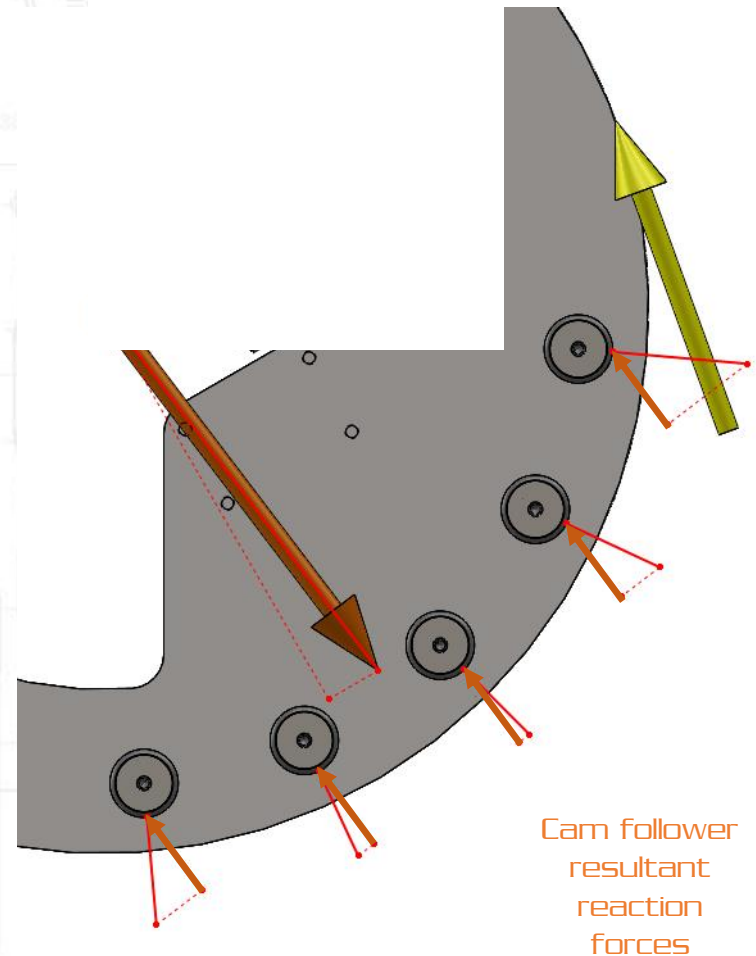


FBD 4

- Assumed resultant load is evenly distributed among 5x cam followers.
- Force vectors parallel to resultant and equal to $1/5$ of the resultant were applied to each cam follower



FBD 5

- Cam follower resultant forces (1/5 of overall resultant) were treated as one component of cam follower **Radial forces**
- Radial forces on each cam follower were found this way.
- This diagram was drawn and forces were found for 3x loading cases:
- 10° , 30° , and 50°

