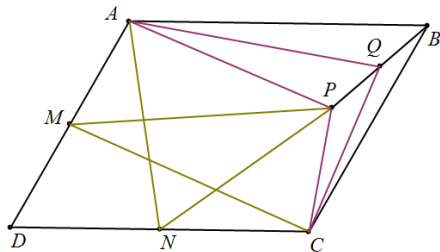


**Example 206 :** As shown in Figure 1 ,  $P$  is a point inside the parallelogram  $ABCD$  ,  $M$  and  $N$  are the midpoints of  $DA$  and  $DC$  respectively ,  $MP = MC$  ,  $NA = NP$  , proof:  $\angle PAQ = \angle PCQ$  .



$$\text{prove: } \frac{A - \frac{P+B}{2}}{C - \frac{P+B}{2}} = \frac{\frac{A+C-B+C}{2} - \frac{A+P}{2}}{P-A} = \frac{\frac{A+C-B+A}{2} - \frac{C+P}{2}}{P-C}$$