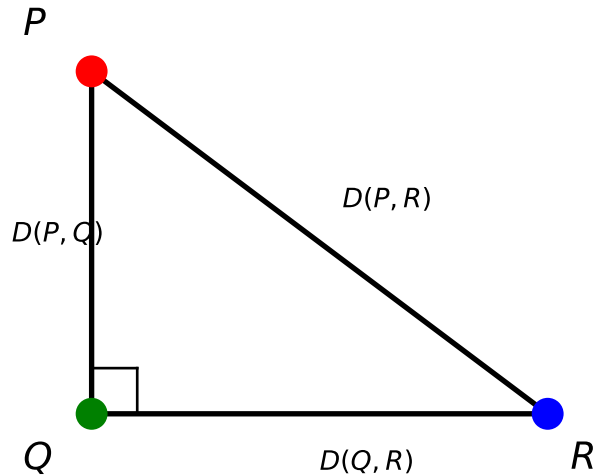


$|V| = 0$ : Dual-flat  
 $D(P, R) = D(P, Q) + D(Q, R)$



$|V| > 0$ : Curved  
 $D'(P, R) \neq D'(P, Q) + D'(Q, R)$

