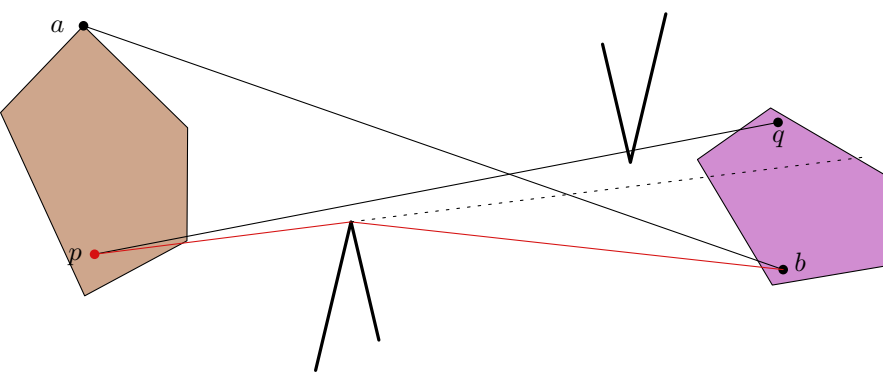
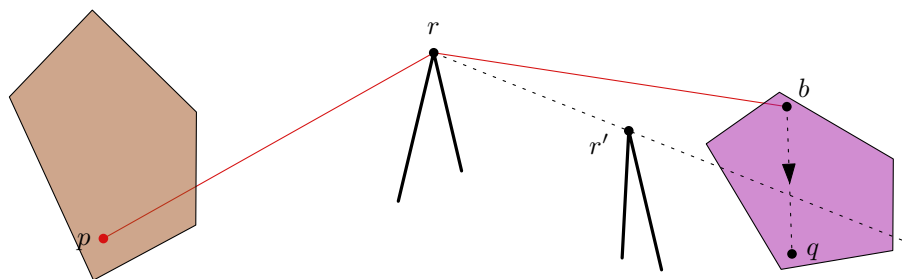
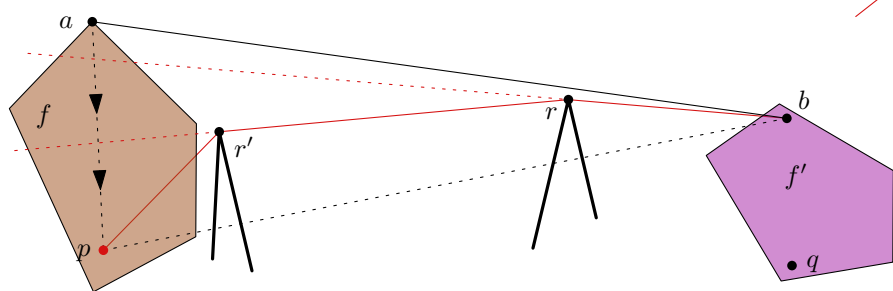
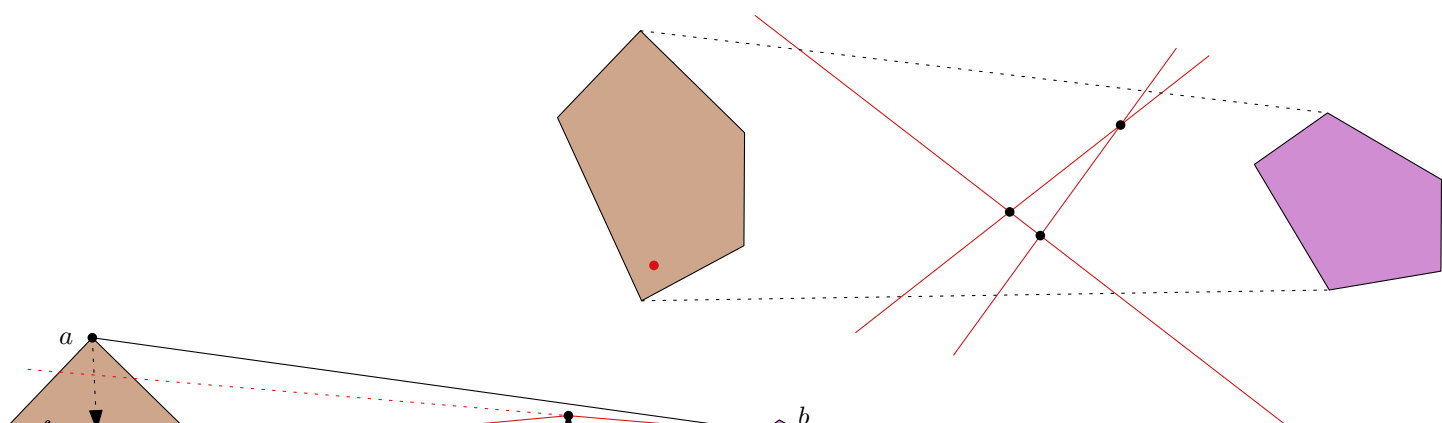
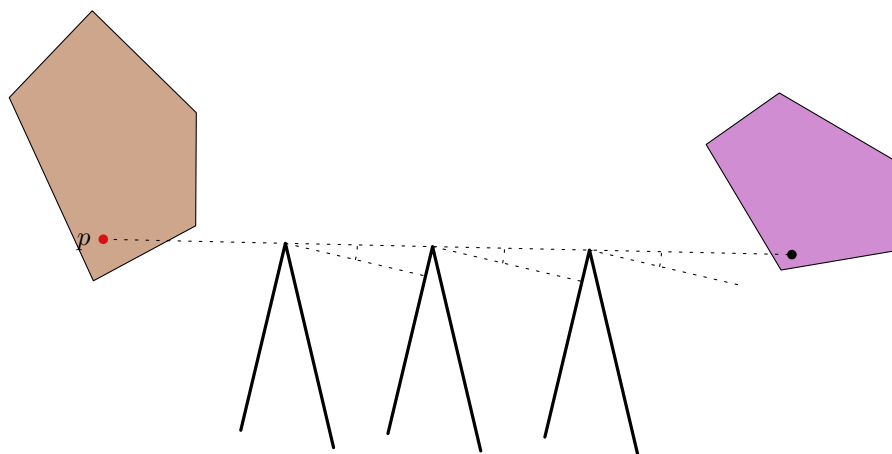
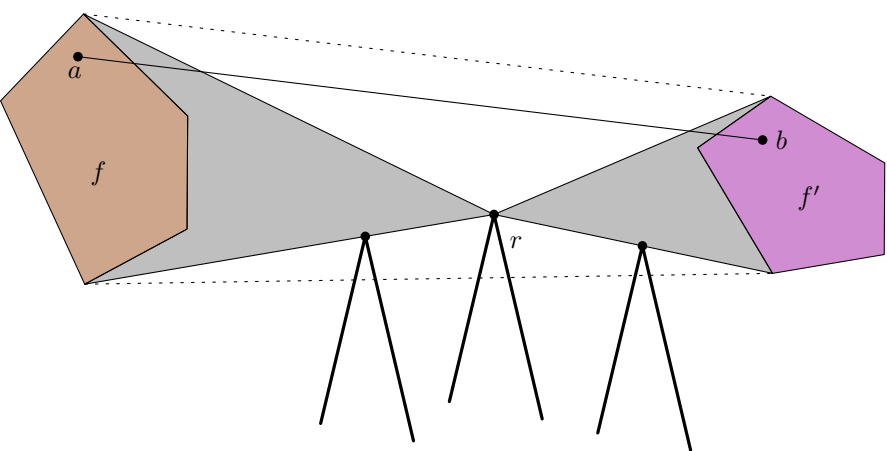
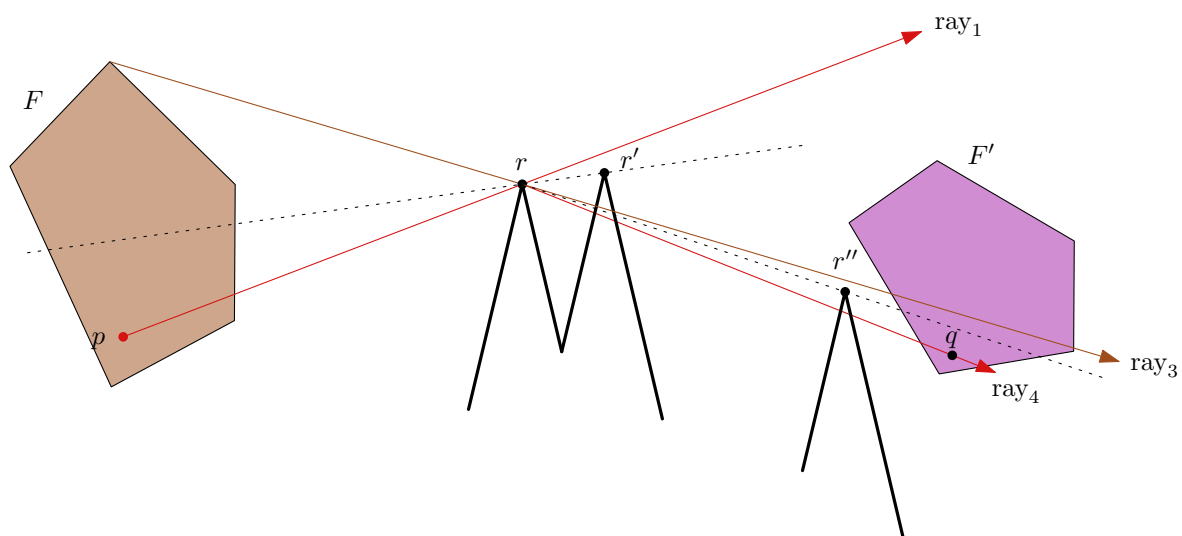
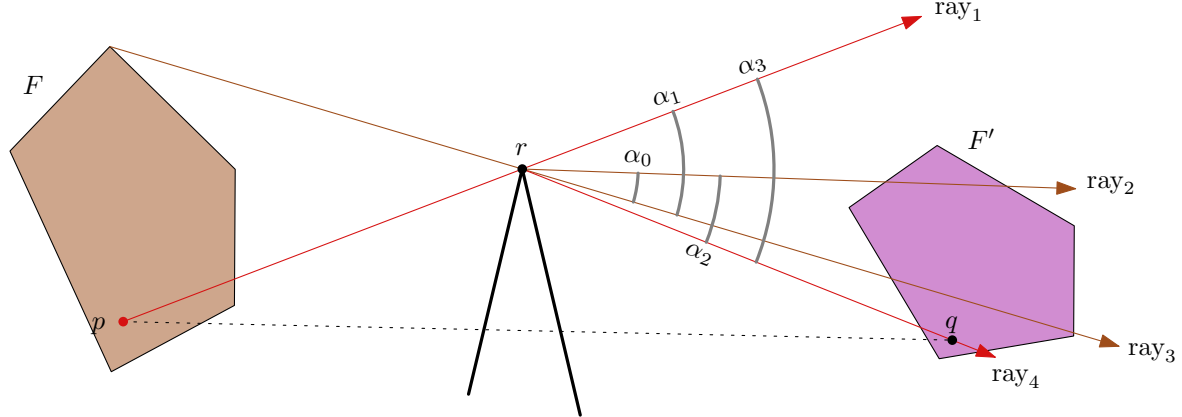
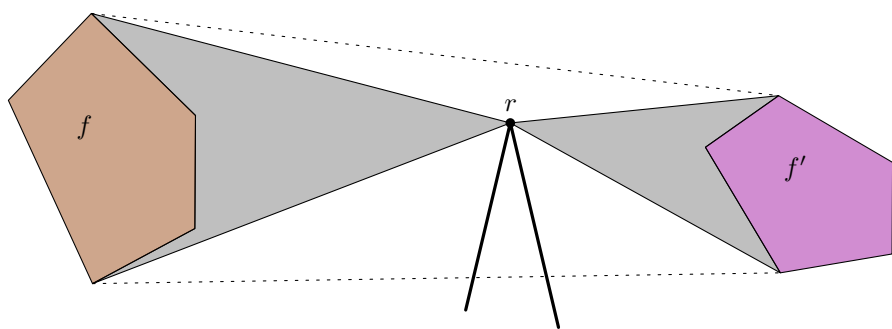


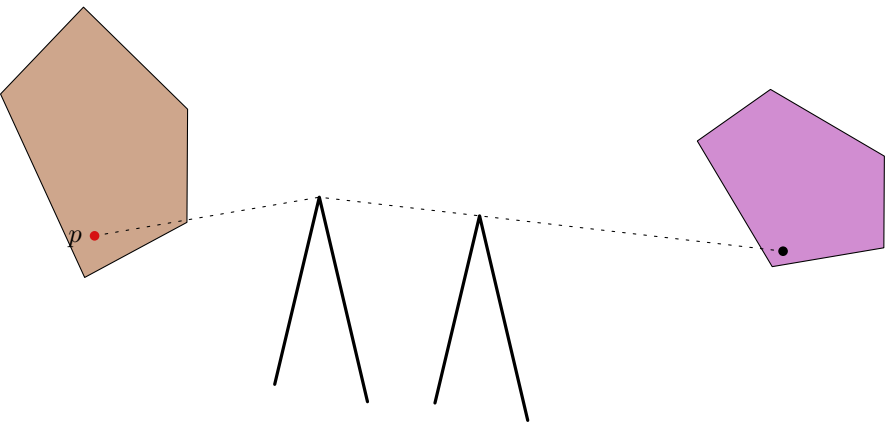
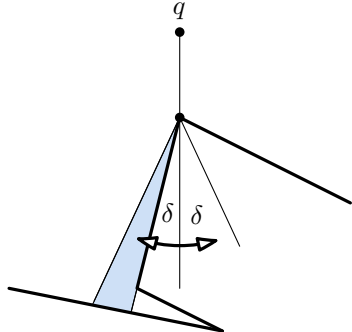
GARBAGE



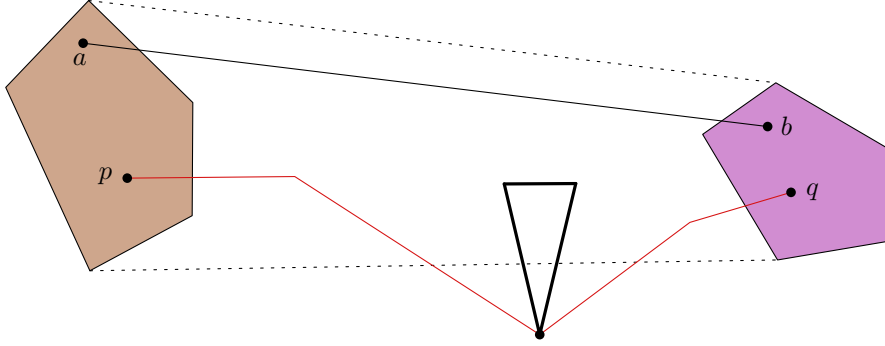


without loss of generality r below ab .

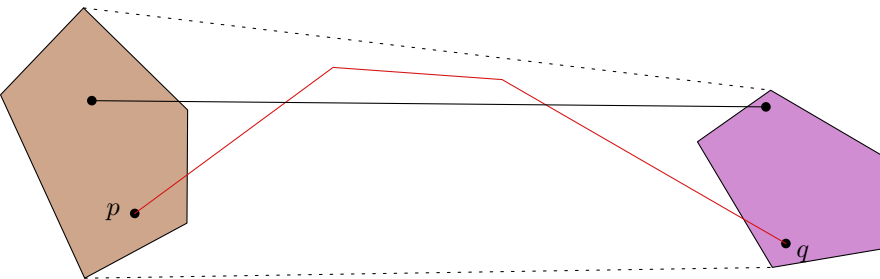
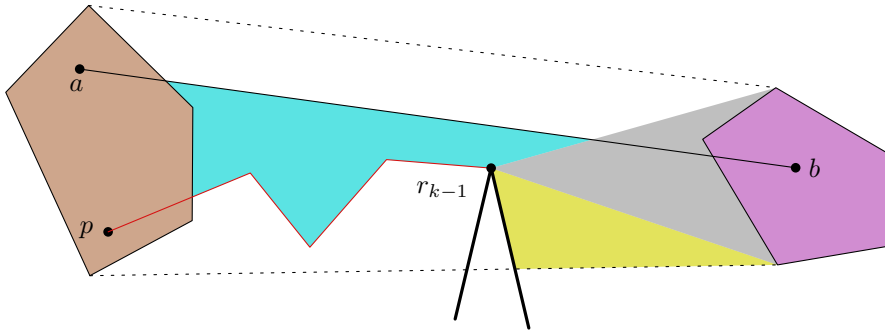




shortest path must be inside the convex hull of f, f' .



if the penultimate vertex of the shortest path is below segment ab , then so must be the last vertex of the shortest path.



Claim: The shortest path can never cross the segment ab .

