

Section 13.7

B.H.

Section 13.7 Tangent Planes and Normal Lines

MATH211 Calculus III

Instructor: Ben Huang

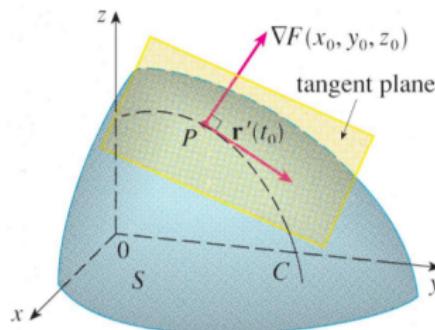
 MESSIAH
UNIVERSITY®

DEPARTMENT OF
COMPUTING, MATHEMATICS
AND PHYSICS

Tangent Plane

Section 13.7

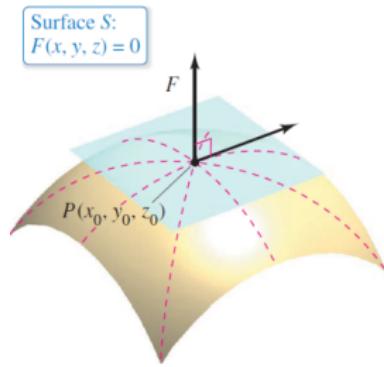
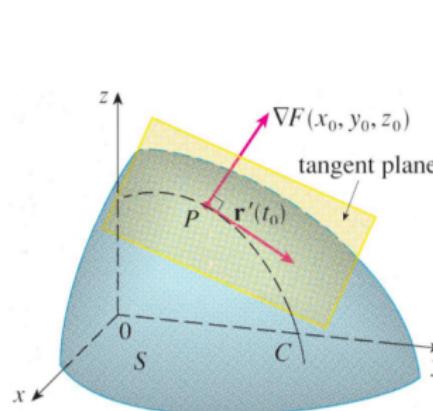
B.H.



Tangent Plane

Section 13.7

B.H.



Tangent plane to surface S at P
Figure 13.57

Why Tangent Plane?

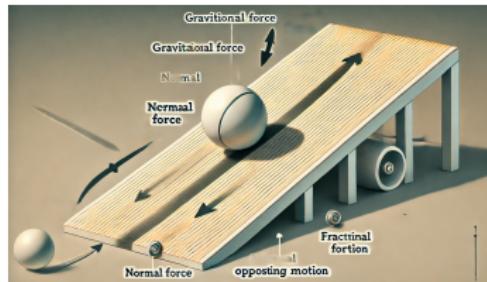
Section 13.7

B.H.

Why Tangent Plane?

Section 13.7

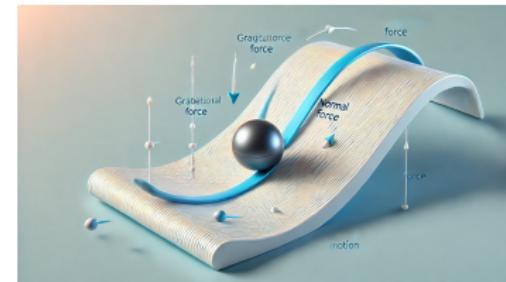
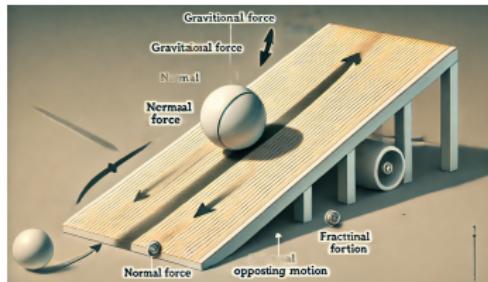
B.H.



Why Tangent Plane?

Section 13.7

B.H.

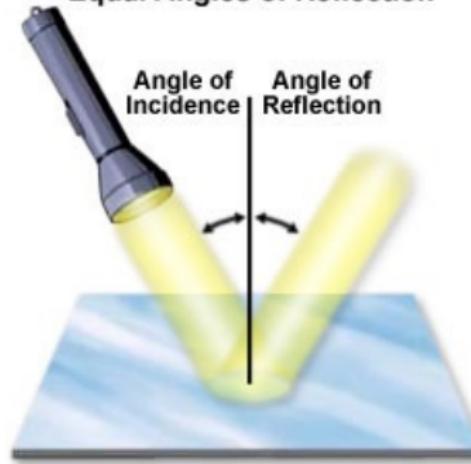


Why Tangent Plane?

Section 13.7

B.H.

Equal Angles of Reflection



Why Tangent Plane?

Section 13.7

B.H.

