Roughly Chapters 12-16.3 Stewart - review of lin. 09. - curves f(t) = (v(t), v(t), w(t))- functions of several variables f(x,y,z)-derivatives -rules - gennetry - optimization -integrals -drange of variable

(-2,3)02+1/2=c2 = Vo2+62 122+32 =V13 -right hand rule

length of
$$(-1,3,-4)$$

 $-1(-1)^2 + (3)^2 + (-4)^2$
 $-1(-1)^2 + (-4)^2$
 $-1(-1)^2 + (-4)^2$

$$5.-3 = 2$$