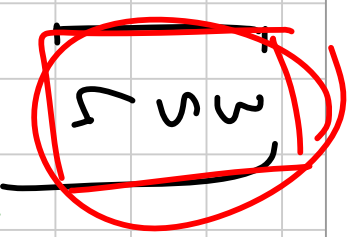
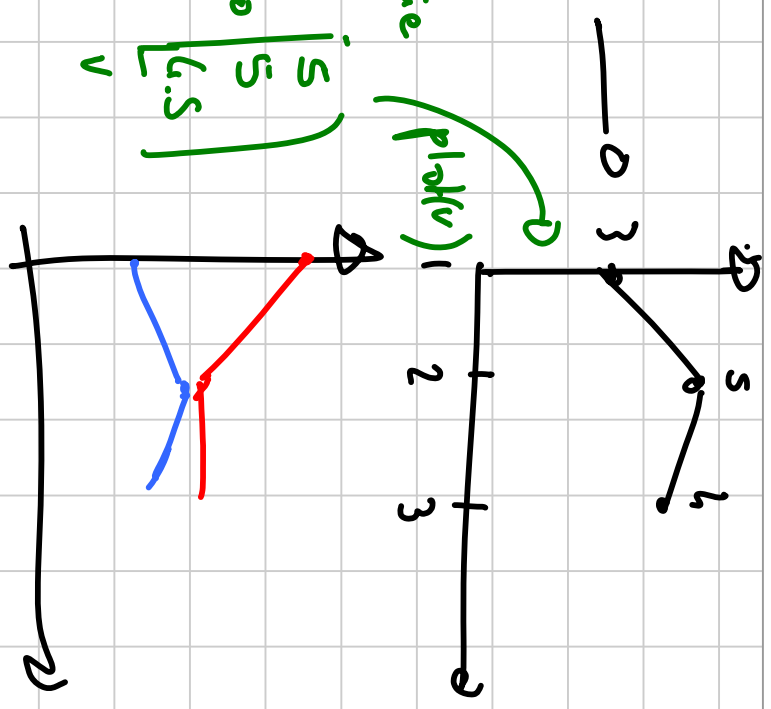
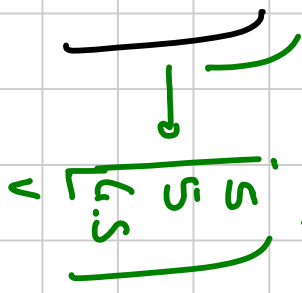


plot



vector medic



$A(1,1) = 1$

$A(2,1) = 2$

$A(2,2) = 2$

$A(3,1) = 3$

$A(3,2) = 3$

$A(3,3) = 3$

⋮

for  $j = 1:2$

and

$A(2,j) = 2;$

for  $j = 1:3$

and

$A(3,j) = 3;$

⋮

for  $j = 1:1$   
and  
 $A(1,j) = 1$

for i = 1:6

```
for j = 1:i  
    A(i,j) = i;  
end
```

end

---

$$1^2 + 2^2 + \dots + n^2$$

$$S = 0$$

$$S = S + 1^2$$

$$S = S + 2^2$$

~~$$S = 1^2 + 2^2$$~~

$$S = S + 3^2$$

$$\begin{array}{l}
 1 \quad S = S + 1^2 \\
 \vdots \\
 i \quad S = S + i^2 \\
 \vdots \\
 n \quad S = S + n^2
 \end{array}
 \left. \vphantom{\begin{array}{l} 1 \\ \vdots \\ i \\ \vdots \\ n \end{array}} \right\}$$

Function  $S = \text{sumsq}(n)$  (n)

$S = 0$ ;

for  $k = 1$  to  $n$

$S = S + k^2$ ;

end

" accumulator"

