

## Work Assignment, Friday, 8th May 2020

Please complete the following tasks conscientiously and reliably. For some of the exercises you'll have video tutorials.

However, in some cases you'll receive handwritten solutions. You can find everything you need to know on the following website: [www.aleph-null.li](http://www.aleph-null.li)

Today's work assignment consists of the following task.

### **Task 1:**

Please solve the Exercises 9A 3, 5 on page 238. You'll find the answers in the back of the book on p. 859.

After every exercise watch the video tutorial. Please take notes if necessary.

### **Task 2:**

Please watch the explanatory video about sine, cosine and tangent in its generalised form.

### **Task 3:**

Please watch the introductory videos 1, 2, 3, and 4.

- 1) Sine, cosine and tangent for  $0^\circ$  and  $90^\circ$  (degree measure) or 0 and  $\frac{\pi}{2}$  (radian measure)
- 2) Sine, cosine and tangent for  $60^\circ$  or  $\frac{\pi}{3}$
- 3) Sine, cosine and tangent for  $45^\circ$  or  $\frac{\pi}{4}$
- 4) Sine, cosine and tangent for  $30^\circ$  or  $\frac{\pi}{6}$

Best of luck – have fun.

Sven Huber