Chapter 10, Section Forces

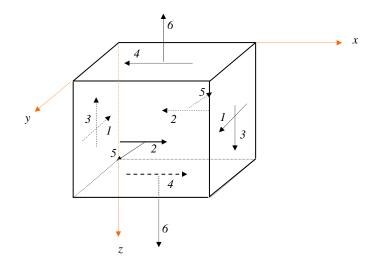
Remarks: See §10.1, page 388 till 401

## Answers:

## 10.4-2:

The stresses are drawn in the next figure:

NUMBER	STRESS (σ)	SIZE (N/mm²)	
1	$\sigma_{\!\scriptscriptstyle  ext{xy}}$	15,0	
2	$\sigma_{\!\scriptscriptstyle \mathrm{yx}}$	15,0	
3	$\sigma_{\!\scriptscriptstyle  m XZ}$	10,0	
4	$\sigma_{\!\scriptscriptstyle  m ZX}$	10,0	
5	$\sigma_{\! ext{yy}}$	5,0	
6	$\sigma_{\!\scriptscriptstyle  m ZZ}$	20,0	



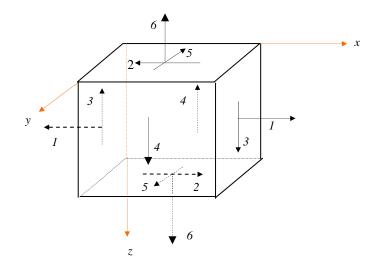
See next page

Last update: 26-09-2002

10.4-3:

The stresses are drawn in the next figure:

Number	Stress ( $\sigma$ )	SIZE (N/mm²)	
1	$\sigma_{\!\scriptscriptstyle  m XX}$	30,0	
2	$\sigma_{\!\scriptscriptstyle  m ZX}$	15,0	
3	$\sigma_{\!\scriptscriptstyle  m XZ}$	15,0	
4	$\sigma_{\!\scriptscriptstyle yz}$	25,0	
5	$\sigma_{\!\scriptscriptstyle  ext{zy}}$	25,0	
6	$\sigma_{\!\scriptscriptstyle  m ZZ}$	5,0	



Last update: 26-09-2002