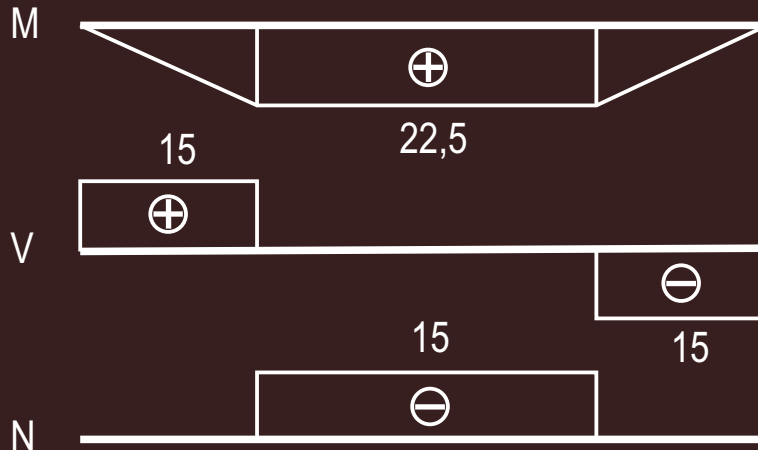
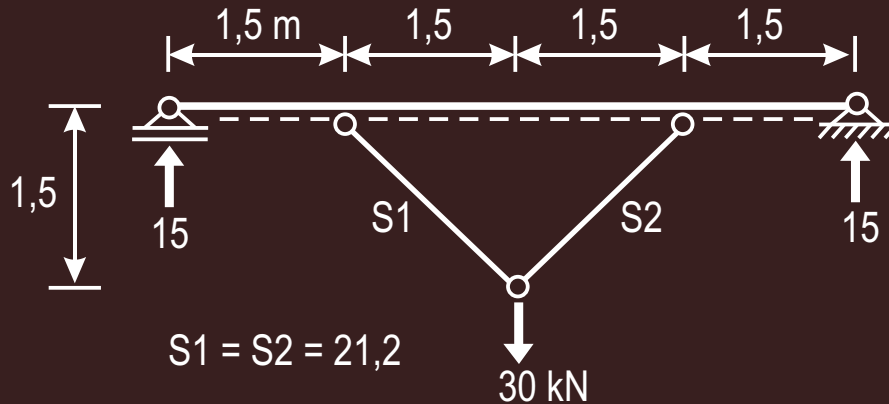
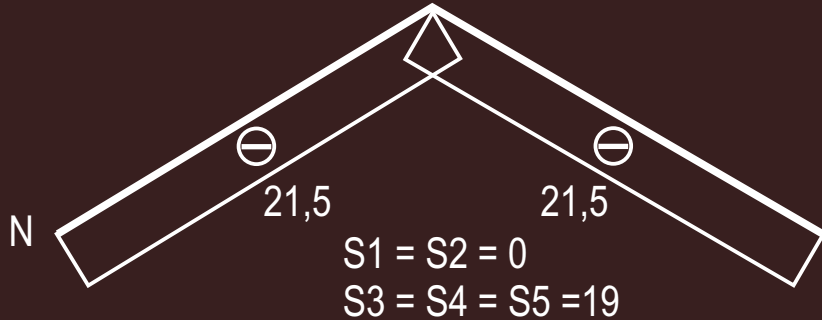
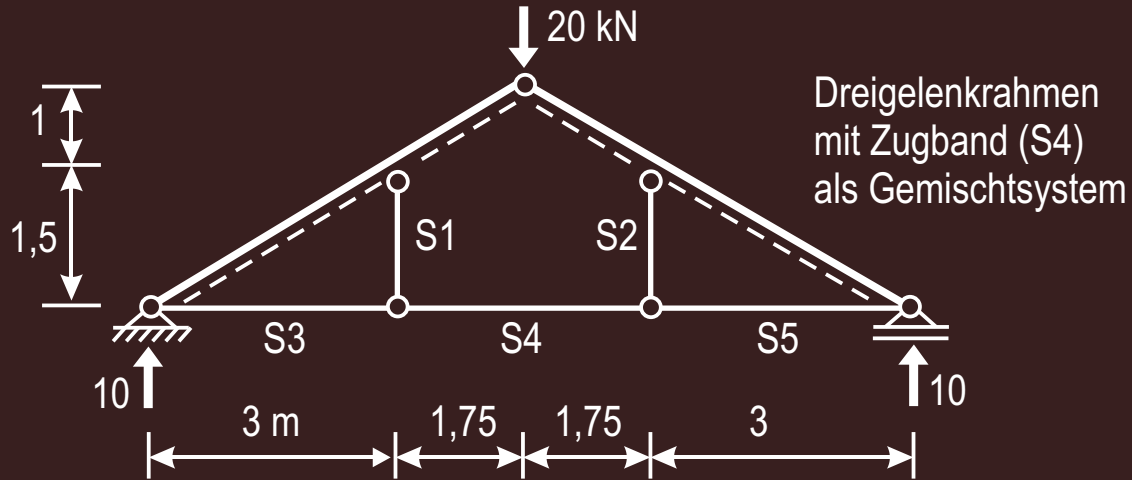
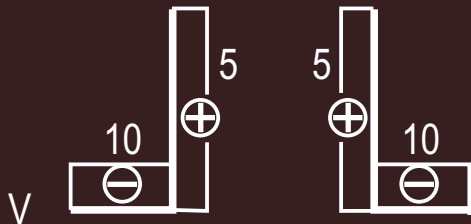
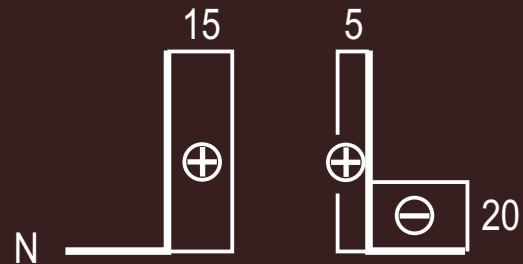
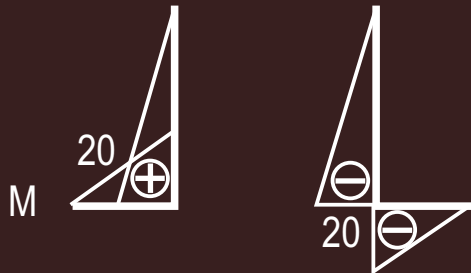
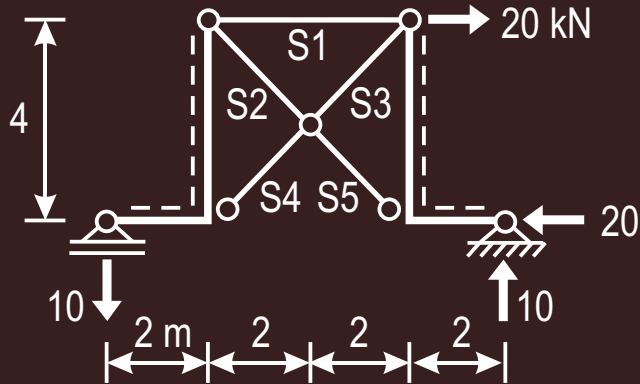


Diethard Thieme
Skripte zur Baumechanik

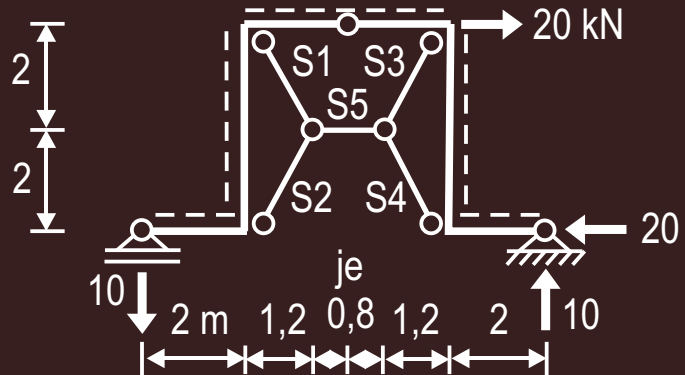
Übungen
mit
Lösungen
BM 44



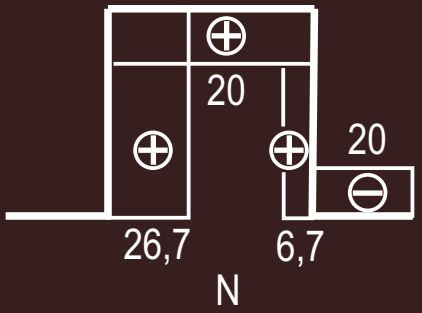
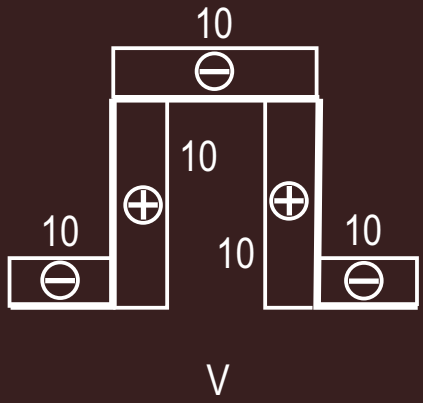
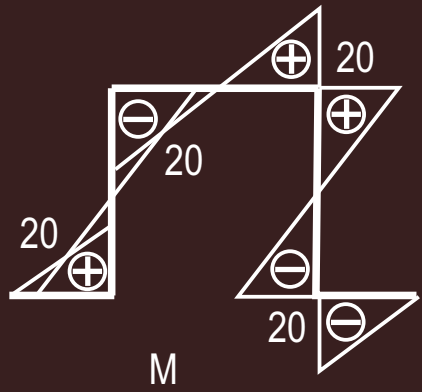


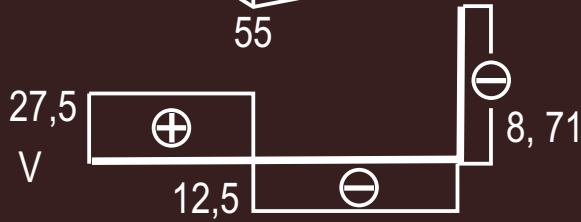
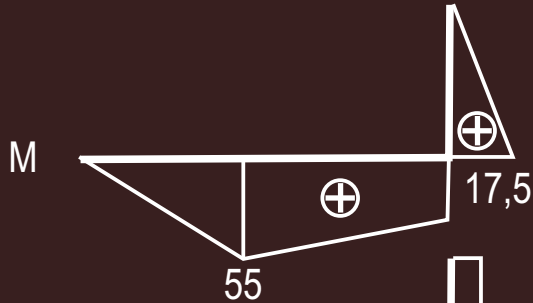
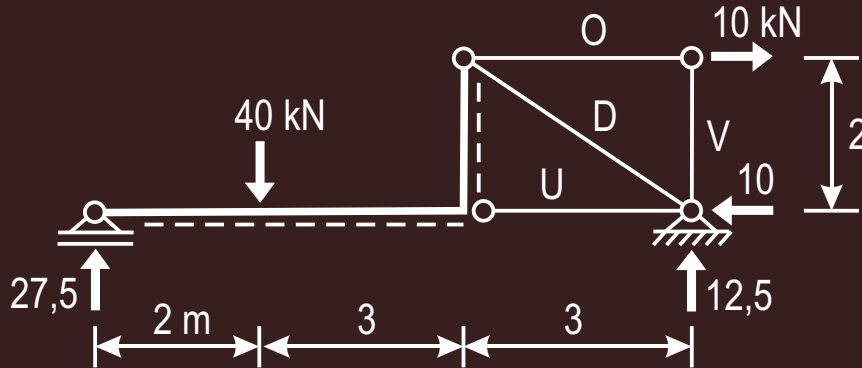


$$\begin{aligned}
 S1 &= 20 \\
 S2 &= -21,2 \\
 S3 &= -7,07 \\
 S4 &= -7,07 \\
 S5 &= -21,2
 \end{aligned}$$

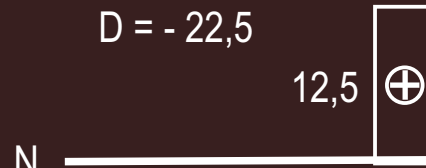


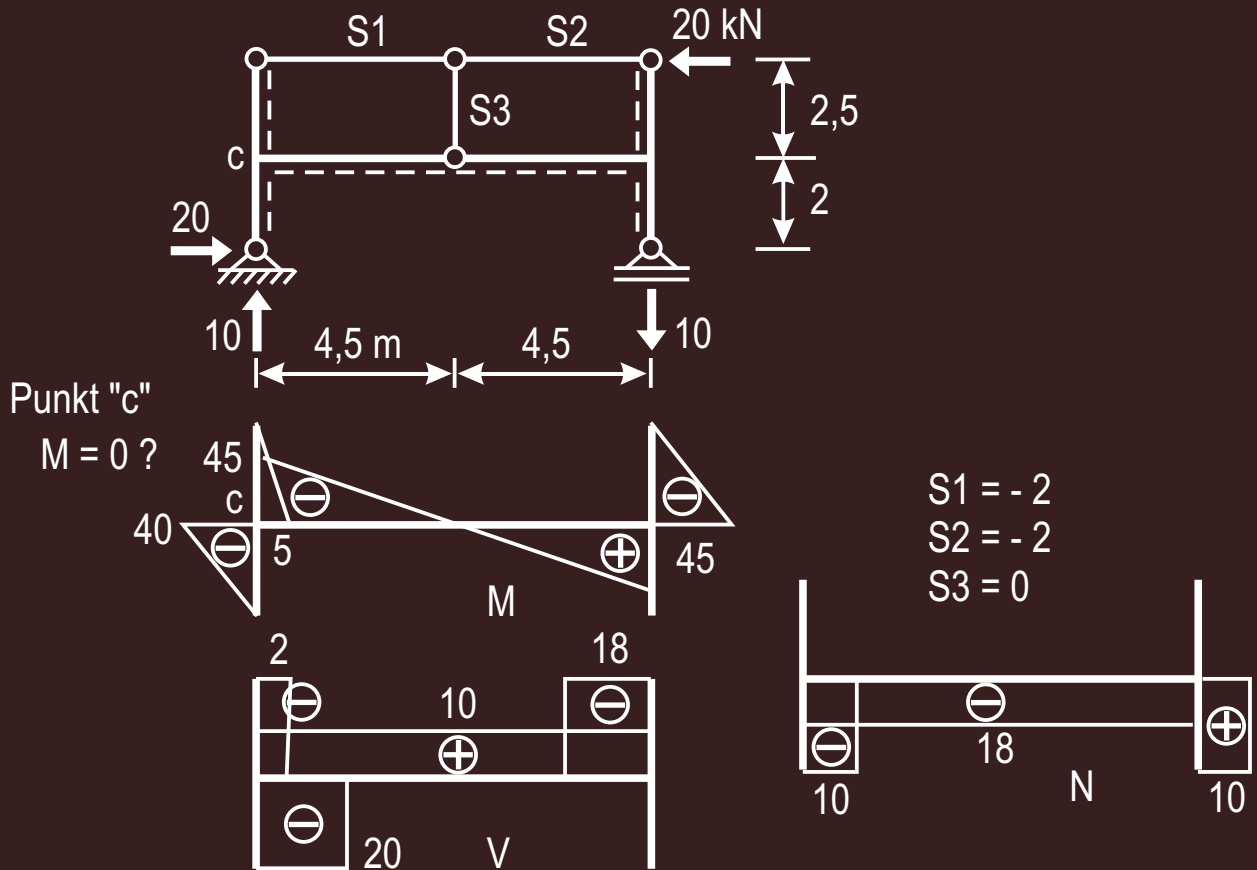
- S1 = - 19,4
- S2 = - 19,4
- S3 = -19,4
- S4 = -19,4
- S5 = 20

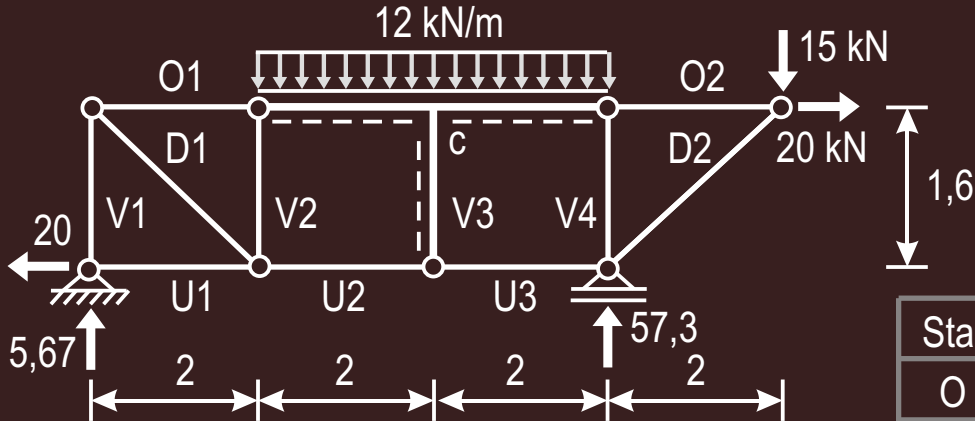




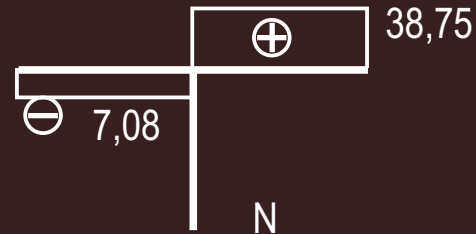
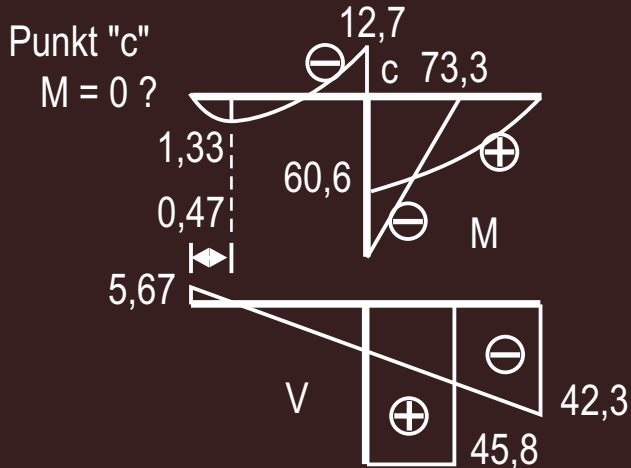
$$\begin{aligned}
 O &= 10 \\
 U &= 8,71 \\
 V &= 0 \\
 D &= -22,5
 \end{aligned}$$

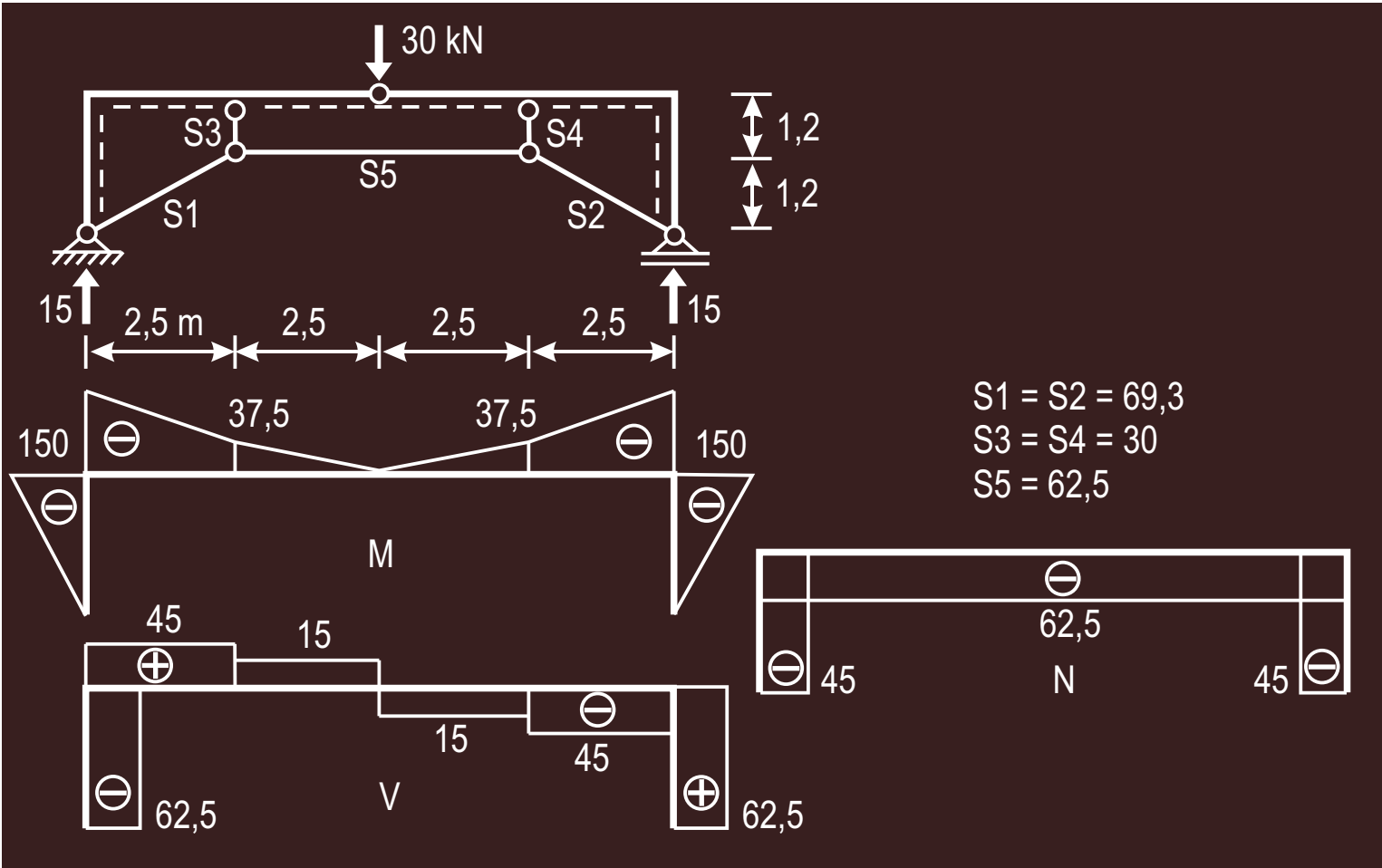


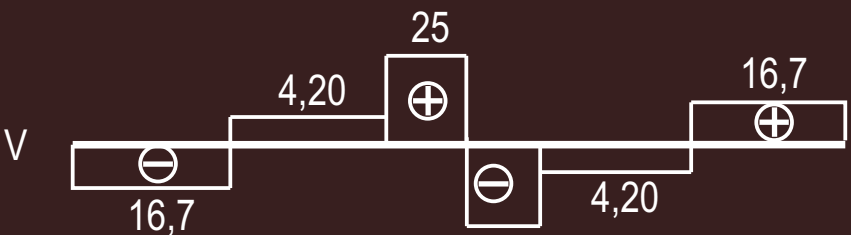
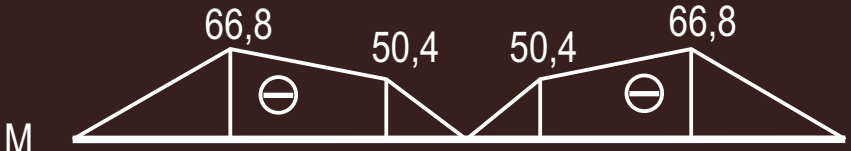
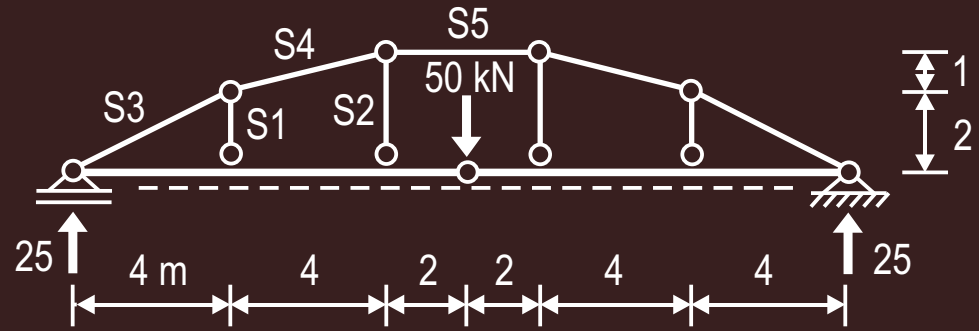




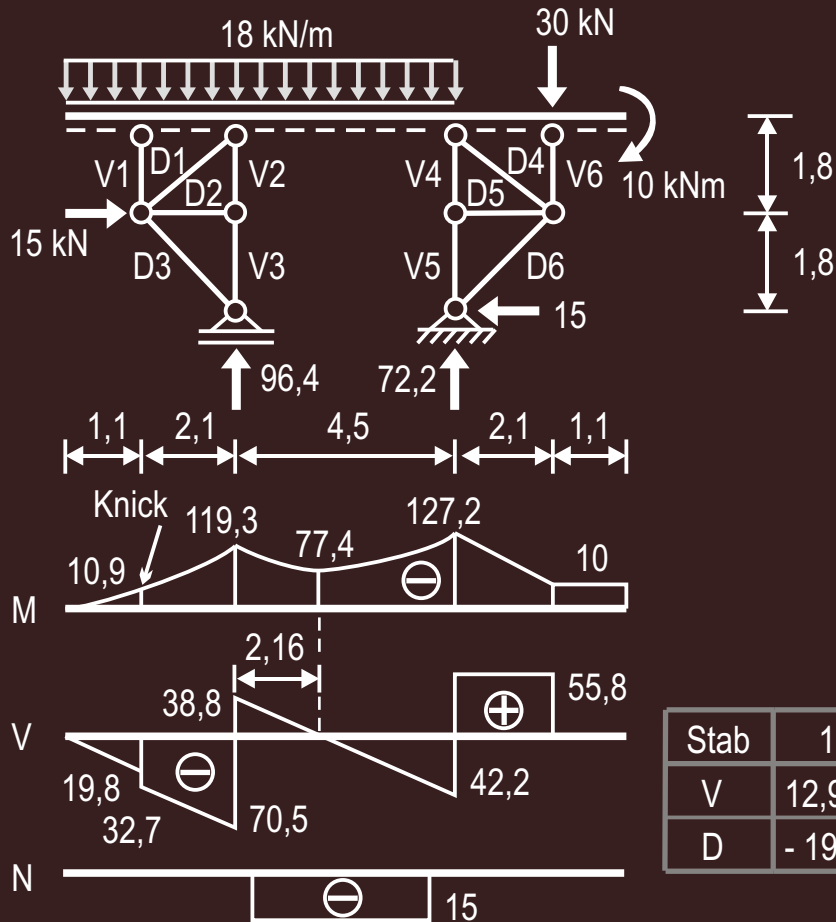
Stab	1	2	3
O	-7,08	38,75	
U	20	27,08	-18,75
V	-5,67	-5,67	-42,3
D	9,07	-24	

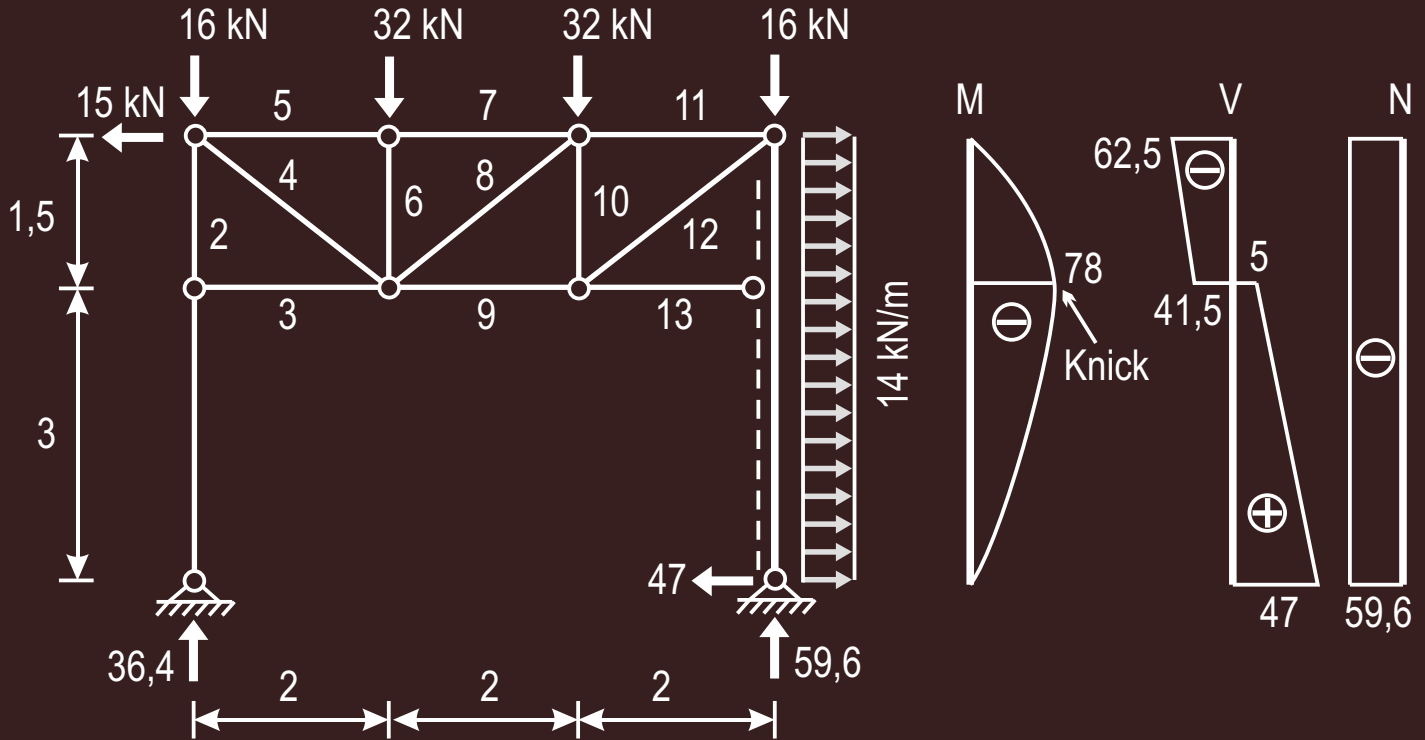


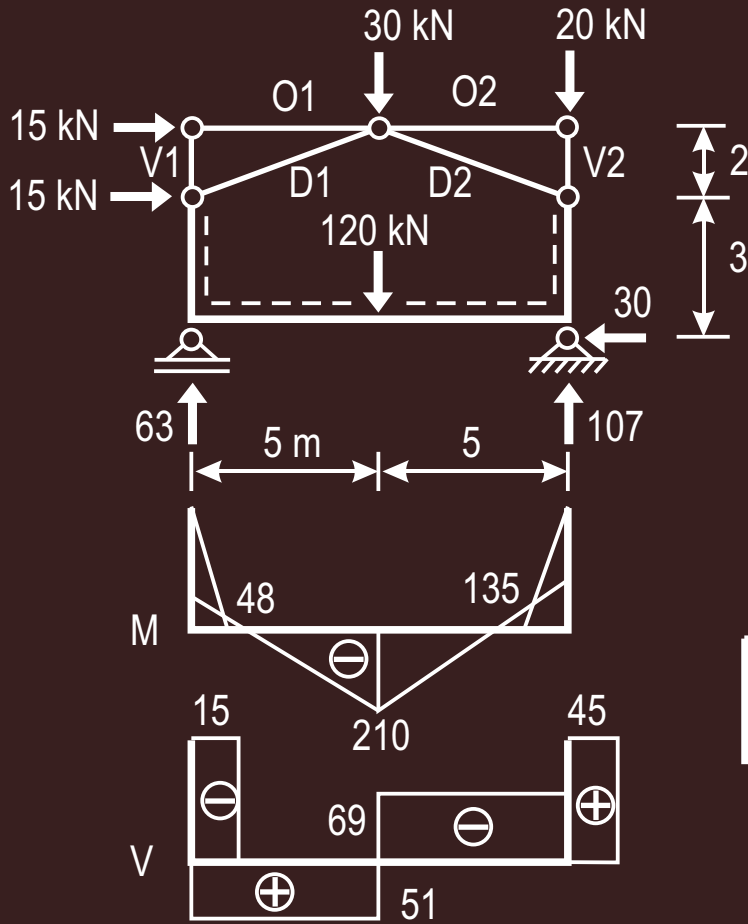




- S1 = S2 = 20,8
- S3 = - 93,2
- S4 = - 85,9
- S5 = - 83,3

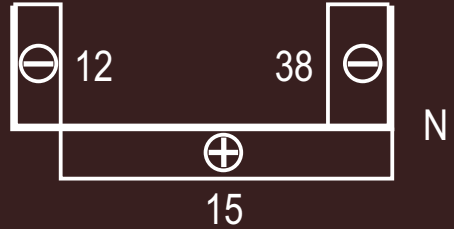


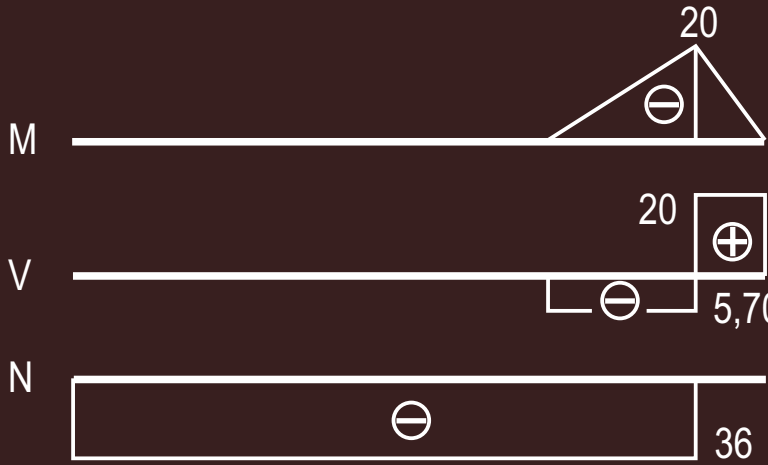
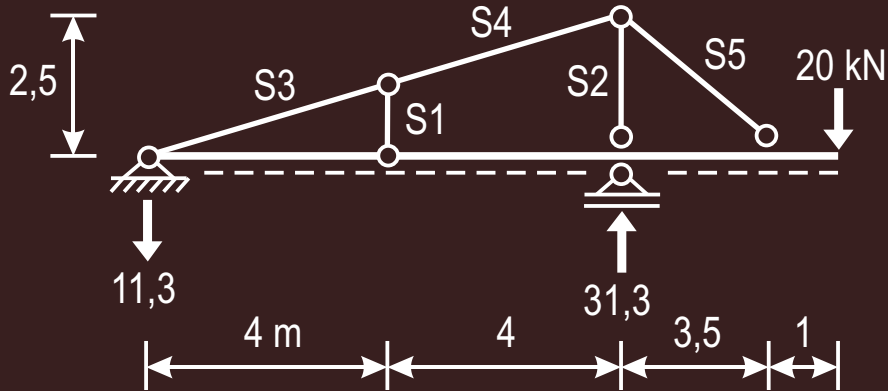




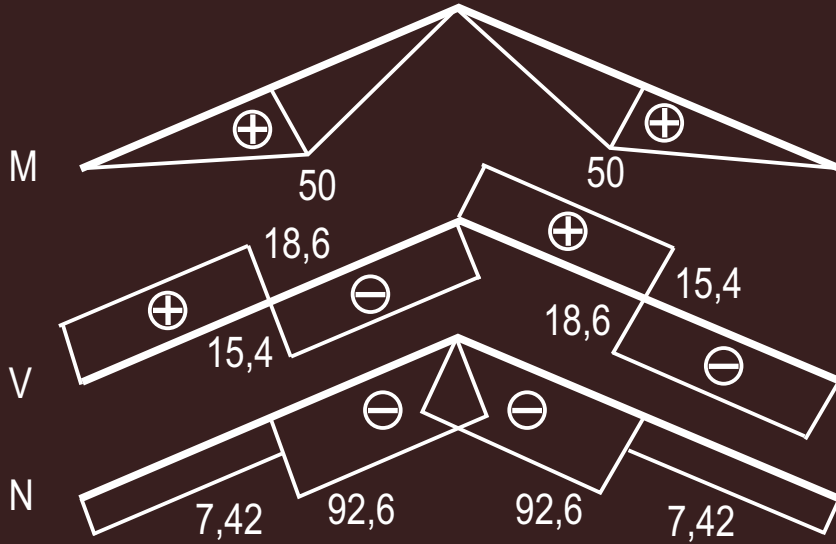
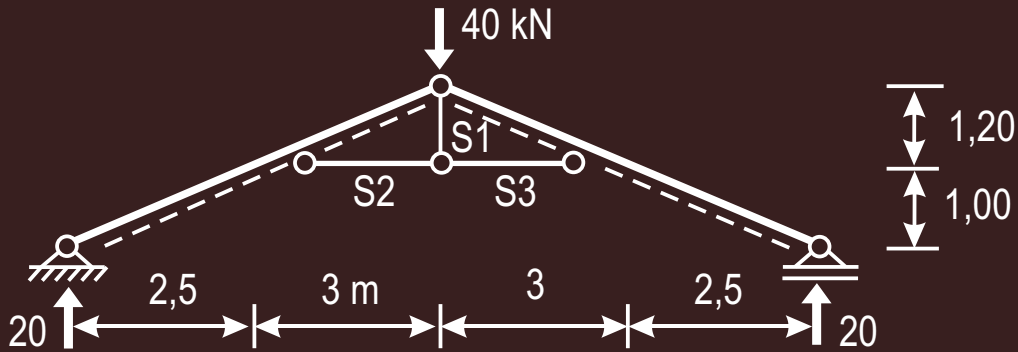
Auf dem geknickten
Träger sitzt ein
Dreigelenkrahmen aus
zwei Fachwerkscheiben

- $O1 = - 15$
- $O2 = 0$
- $V1 = 0$
- $V2 = - 20$
- $D1 = - 32,3$
- $D2 = - 48,5$

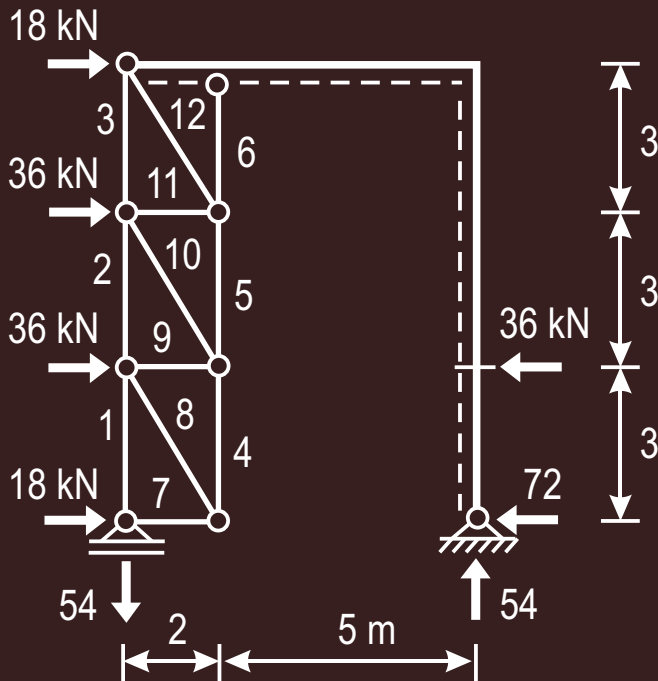




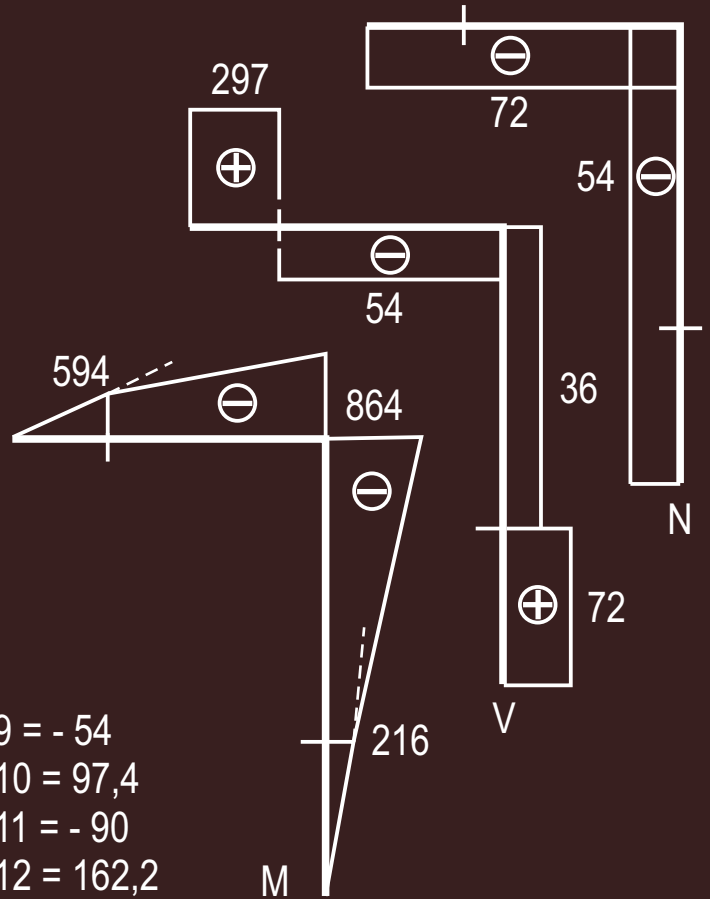
- $S1 = 0$
- $S2 = -37$
- $S3 = S4 = 37,8$
- $S5 = 44,2$

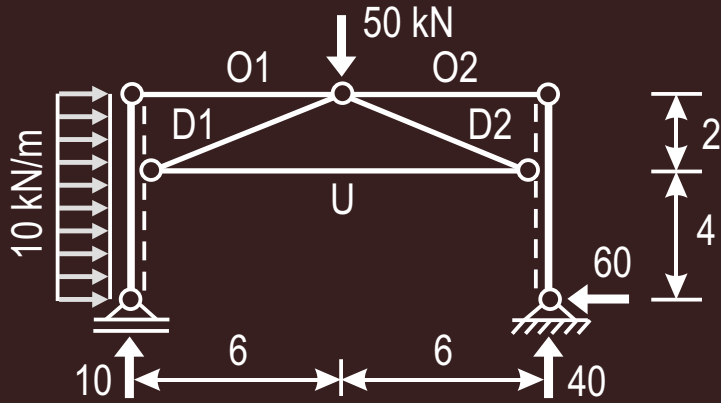


$S1 = 0$
 $S2 = S3 = 91,7$



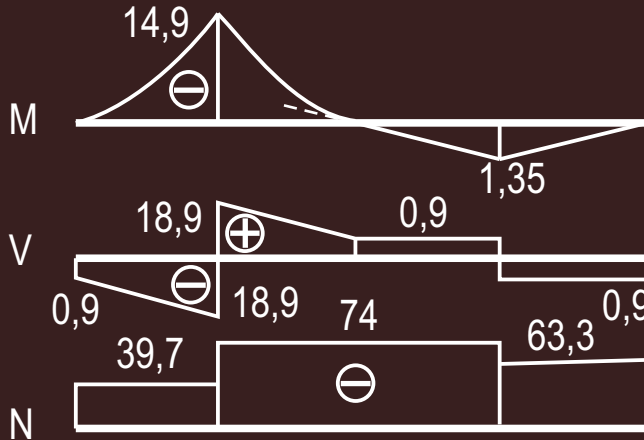
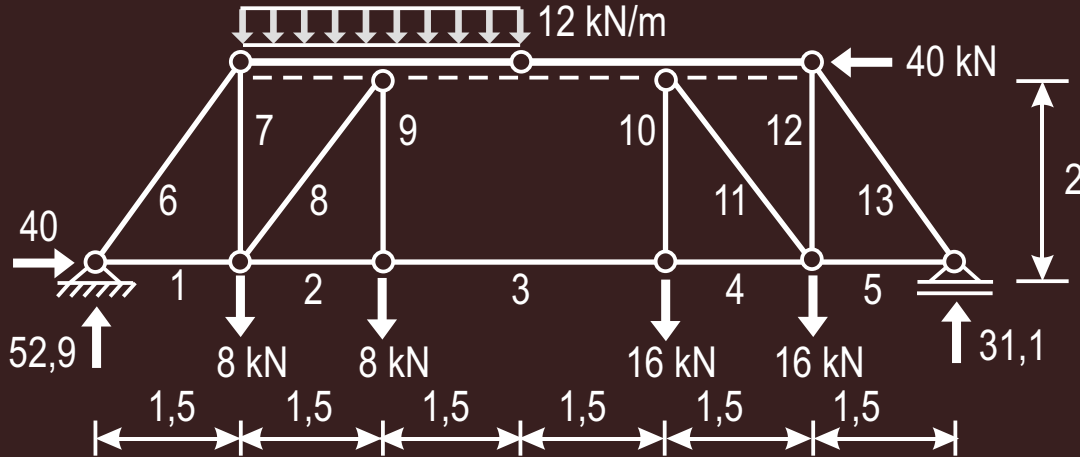
$S1 = 54$	$S5 = -108$	$S9 = -54$
$S2 = 81$	$S6 = -243$	$S10 = 97,4$
$S3 = 162$	$S7 = -18$	$S11 = -90$
$S4 = -27$	$S8 = 32,4$	$S12 = 162,2$





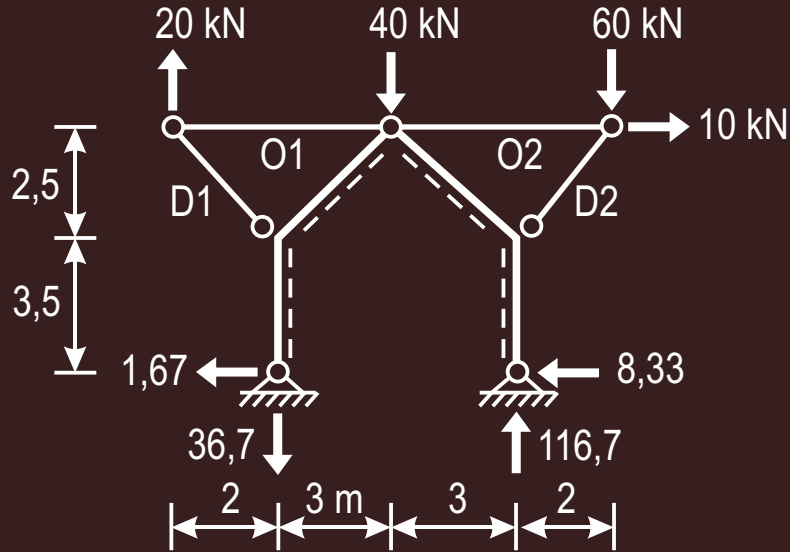
- O1 = 30
- O2 = 120
- D1 = - 31,6
- D2 = - 126,5
- U = - 60



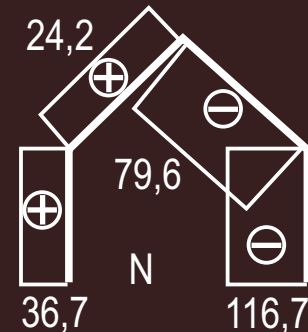
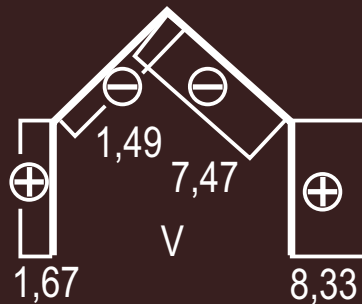
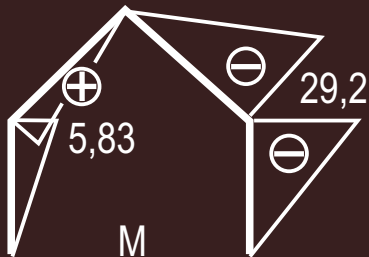


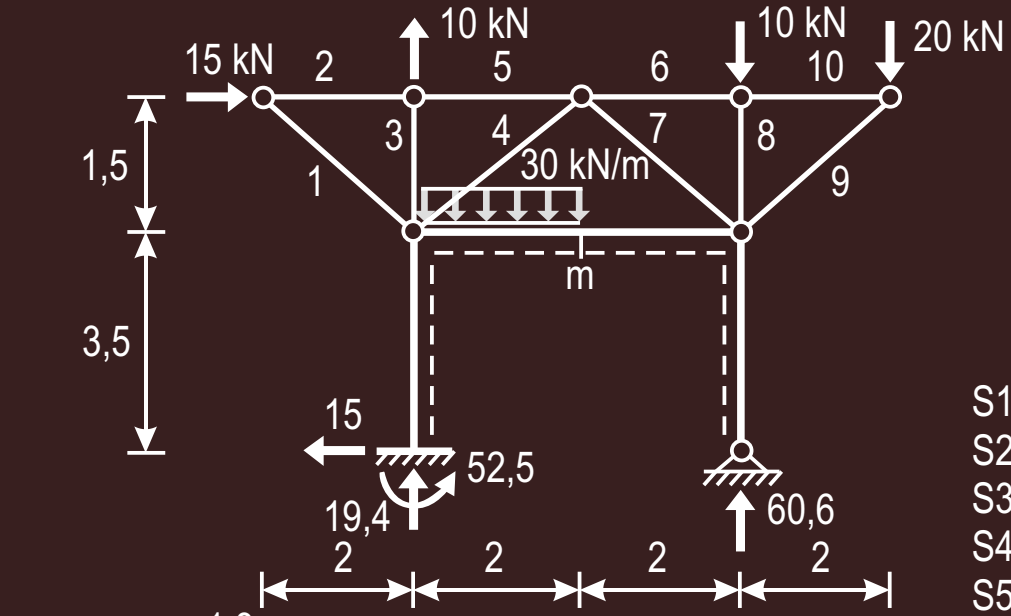
- S1 = - 0,33
- S2 = 34
- S3 = 34
- S4 = 34
- S5 = 23,3
- S6 = - 66,1
- S7 = 53,8

- S8 = -57,2
- S9 = 8
- S10 = 16
- S11 = - 17,8
- S12 = 30,2
- S13 = - 38,9



$O1 = -16$
 $O2 = 58$
 $O3 = 25,6$
 $D2 = -76,8$





- S1 = 0
- S2 = - 15
- S3 = 10
- S4 = 26
- S5 = - 15
- S6 = 26,6
- S7 = - 26
- S8 = - 10
- S9 = - 33,3
- S10 = 26,6

