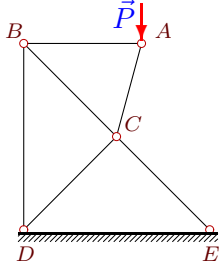


Плоская конструкция из 6 стержней

Кирсанов М.Н. **Решебник. Теоретическая механика**/Под ред. А. И. Кириллова.–
М.: ФИЗМАТЛИТ, 2008. — 384 с. (с.14.)

Задача 1.1.

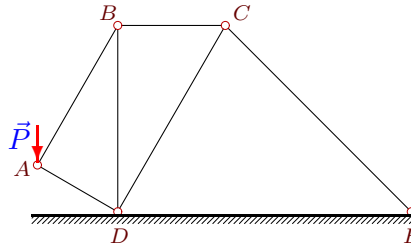
Анненкова Алена Андреевна



$P=23$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=45^\circ$,
 $\angle BDC=45^\circ$,
 $\angle BCD=90^\circ$,
 $\angle CDE=45^\circ$,
 $\angle CED=45^\circ$.

Задача 1.2.

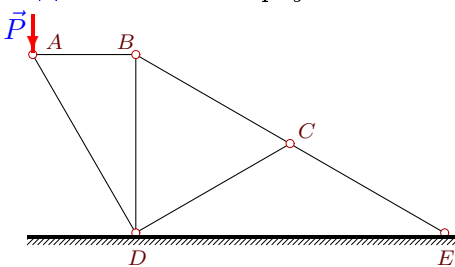
Ахмедов Джамал Магомедович



$P=20$ кН,
 $\angle ABD=30^\circ$,
 $\angle ADB=60^\circ$,
 $\angle BDC=30^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=60^\circ$,
 $\angle CED=45^\circ$.

Задача 1.3.

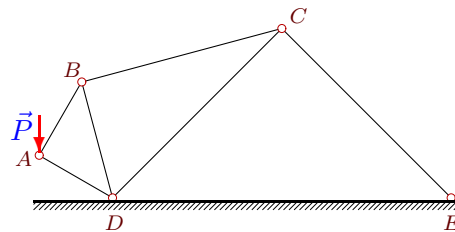
Горбунов Александр Русланович



$P=27$ кН,
 $\angle ABD=90^\circ$,
 $\angle ADB=30^\circ$,
 $\angle BDC=60^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=30^\circ$.

Задача 1.4.

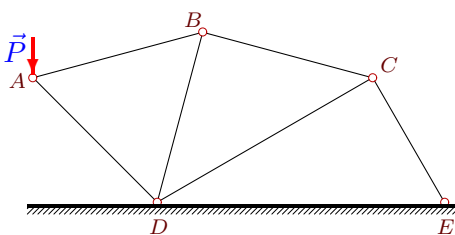
Гусева Вероника Сергеевна



$P=9$ кН,
 $\angle ABD=45^\circ$,
 $\angle ADB=45^\circ$,
 $\angle BDC=60^\circ$,
 $\angle BCD=30^\circ$,
 $\angle CDE=45^\circ$,
 $\angle CED=45^\circ$.

Задача 1.5.

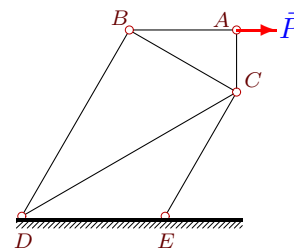
Житникова Екатерина Андреевна



$P=5$ кН,
 $\angle ABD=60^\circ$,
 $\angle ADB=60^\circ$,
 $\angle BDC=45^\circ$,
 $\angle BCD=45^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=60^\circ$.

Задача 1.6.

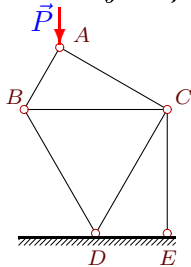
Клиимник Федор Максимович



$P=23$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=30^\circ$,
 $\angle BDC=30^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=120^\circ$.

Задача 1.7.

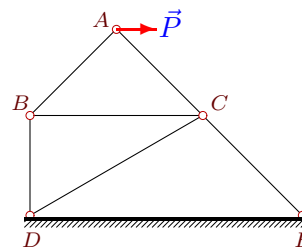
Кузнецов Артем Владиславович



$P=31$ кН,
 $\angle ACB=30^\circ$,
 $\angle ABC=60^\circ$,
 $\angle BDC=60^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=60^\circ$,
 $\angle CED=90^\circ$.

Задача 1.8.

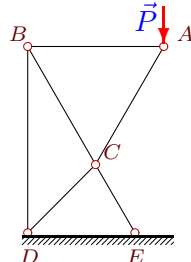
Локтев Никита Сергеевич



$P=13$ кН,
 $\angle ACB=45^\circ$,
 $\angle ABC=45^\circ$,
 $\angle BDC=60^\circ$,
 $\angle BCD=30^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=45^\circ$.

Задача 1.9.

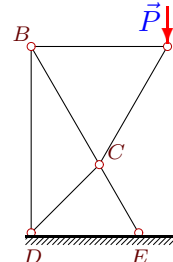
Михайлова Софья Алексеевна



$P=22$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=60^\circ$,
 $\angle BDC=45^\circ$,
 $\angle BCD=105^\circ$,
 $\angle CDE=45^\circ$,
 $\angle CED=60^\circ$.

Задача 1.10.

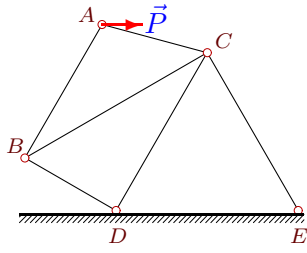
Морозова Кира Вадимовна



$P=17$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=60^\circ$,
 $\angle BDC=45^\circ$,
 $\angle BCD=105^\circ$,
 $\angle CDE=45^\circ$,
 $\angle CED=60^\circ$.

Задача 1.11.

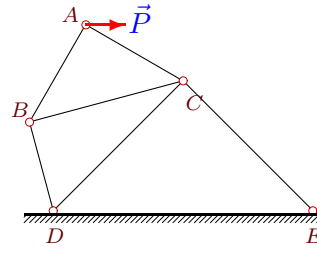
Новикова Дарья Сергеевна



$P=27$ кН,
 $\angle ACB=45^\circ$,
 $\angle ABC=30^\circ$, $\angle BDC=90^\circ$,
 $\angle BCD=30^\circ$,
 $\angle CDE=60^\circ$,
 $\angle CED=60^\circ$.

Задача 1.12.

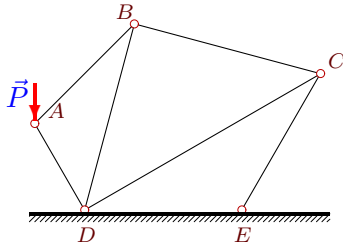
Павлушов Расул Оруджевич



$P=21$ кН,
 $\angle ACB=45^\circ$,
 $\angle ABC=45^\circ$, $\angle BDC=60^\circ$,
 $\angle BCD=30^\circ$,
 $\angle CDE=45^\circ$,
 $\angle CED=45^\circ$.

Задача 1.13.

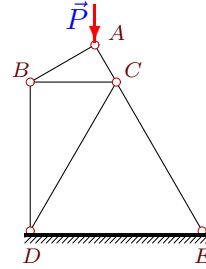
Пахомова Екатерина Сергеевна



$P=24$ кН,
 $\angle ABD=30^\circ$,
 $\angle ADB=45^\circ$, $\angle BDC=45^\circ$,
 $\angle BCD=45^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=120^\circ$.

Задача 1.14.

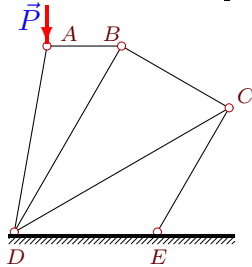
Сабиров Исмагил Ахматович



$P=9$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=30^\circ$, $\angle BDC=30^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=60^\circ$,
 $\angle CED=60^\circ$.

Задача 1.15.

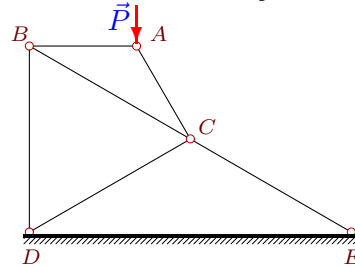
Чернат Герман Сергеевич



$P=30$ кН,
 $\angle ABD=60^\circ$,
 $\angle ADB=20^\circ$, $\angle BDC=30^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=120^\circ$.

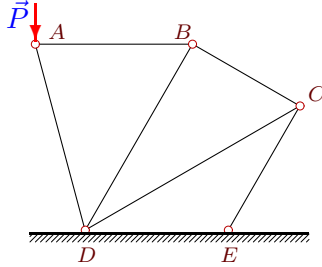
Задача 1.16.

Шумакова Мария Денисовна



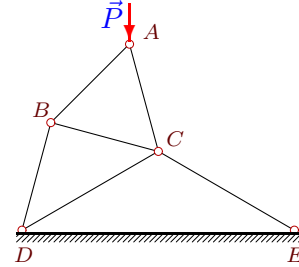
$P=19$ кН,
 $\angle ACB=30^\circ$,
 $\angle ABC=30^\circ$, $\angle BDC=60^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=30^\circ$.

Задача 1.17.



$P=16$ кН,
 $\angle ABD=60^\circ$,
 $\angle ADB=45^\circ$, $\angle BDC=30^\circ$,
 $\angle BCD=60^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=120^\circ$.

Задача 1.18.



$P=17$ кН,
 $\angle ACB=60^\circ$,
 $\angle ABC=60^\circ$, $\angle BDC=45^\circ$,
 $\angle BCD=45^\circ$,
 $\angle CDE=30^\circ$,
 $\angle CED=30^\circ$.