

Анализ внутренних силовых факторов.

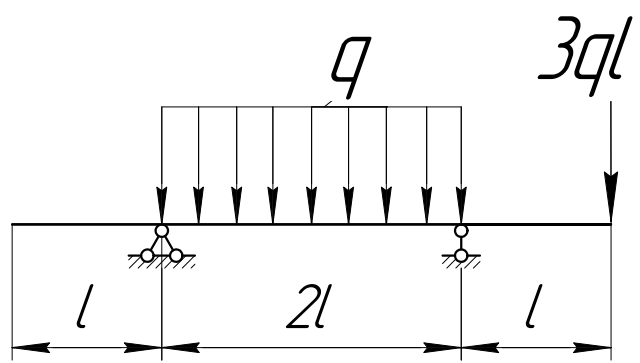
а) Для схем 1, 2 и 3: построить эпюры изгибающего момента и поперечной силы.

б) Для схемы 4, 5: построить эпюру изгибающего момента.

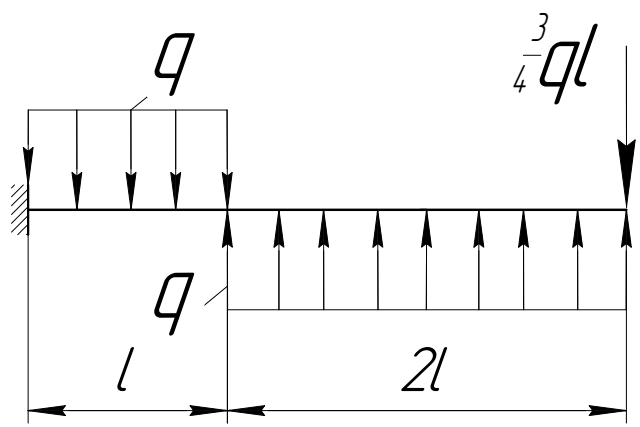
в) Для схемы 6: построить эпюры изгибающего и крутящего моментов от каждого внешнего силового фактора; построить суммарные эпюры крутящего и изгибающего моментов (l – см, q – Н/см, P – Н).

г) Расчеты на прочность. Для схемы 6: определить размеры поперечных сечений (b и d). Принять $\sigma_T = 420$ МПа. Самое опасное сечение рассчитать, как круг диаметра d и прямоугольник $b \times h$, причем $h/b=3$.

1

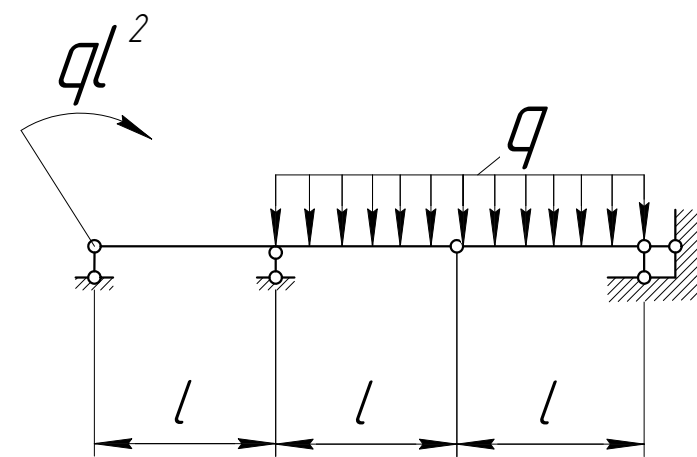


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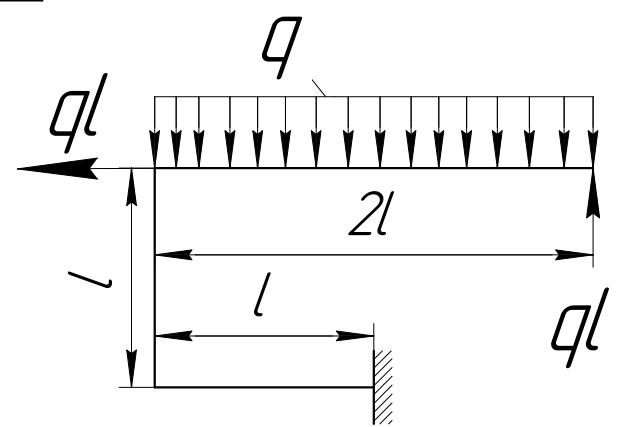


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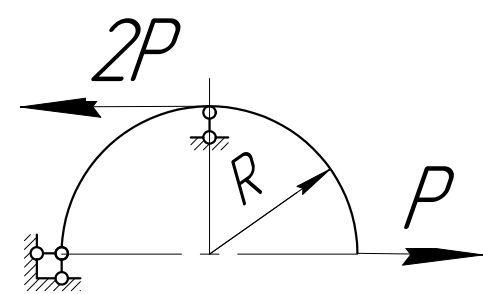
Bap. 1



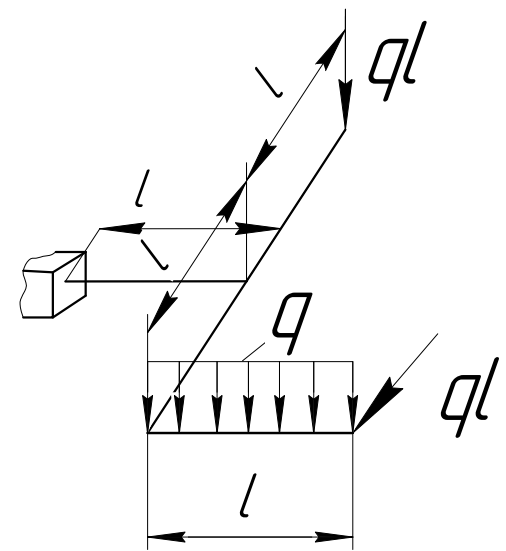
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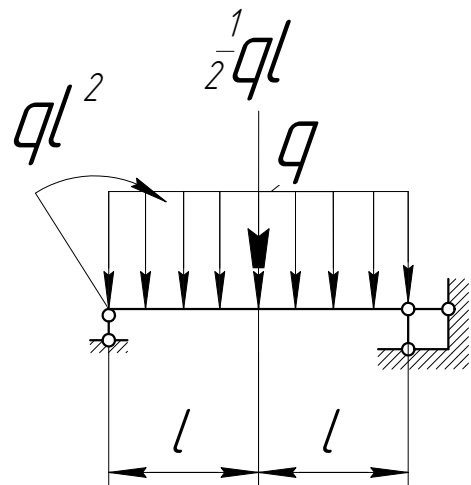
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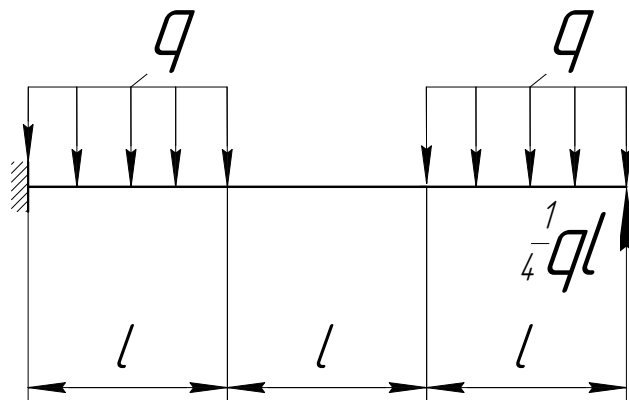
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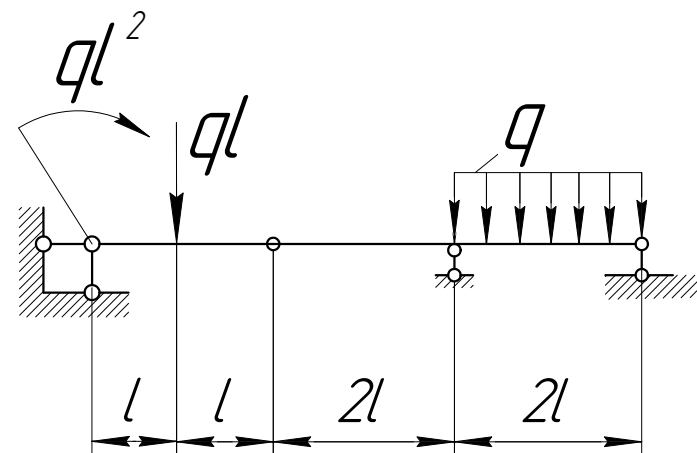


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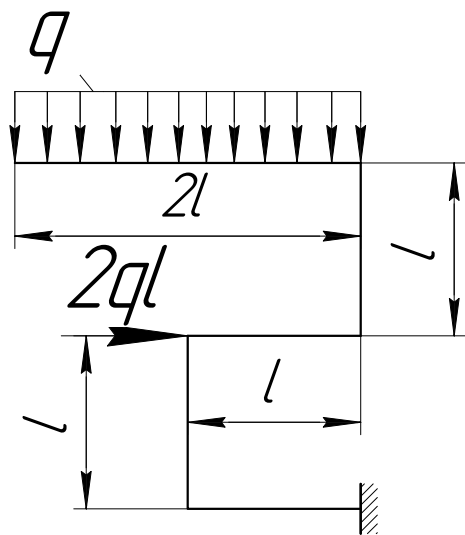


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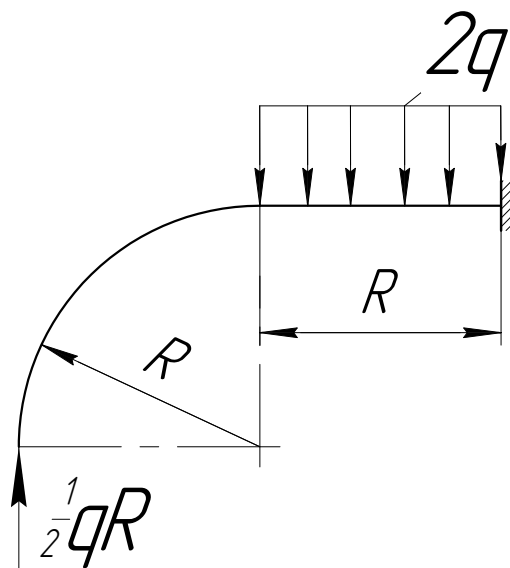
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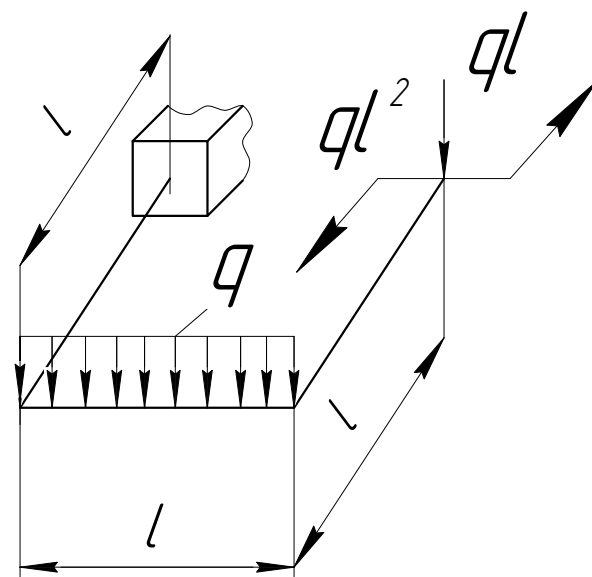
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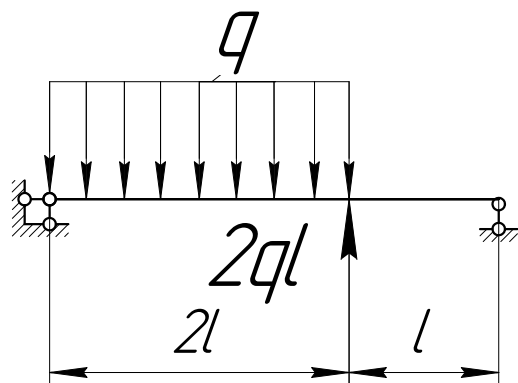
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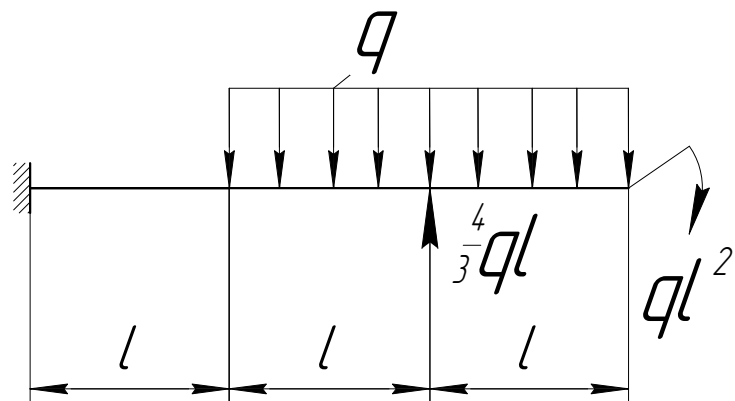
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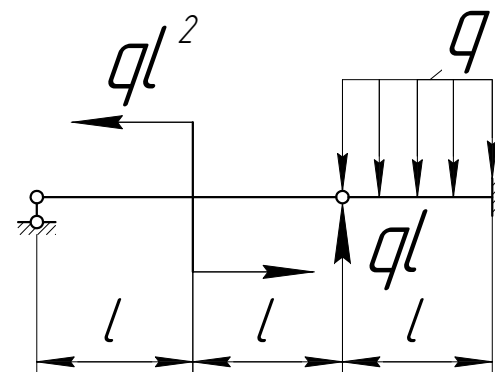
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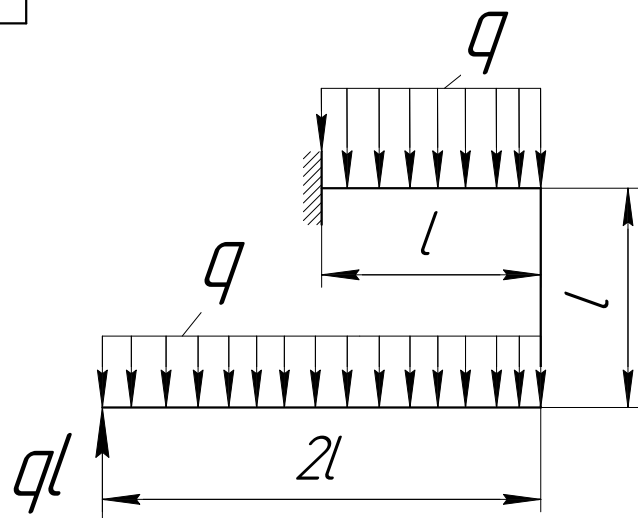


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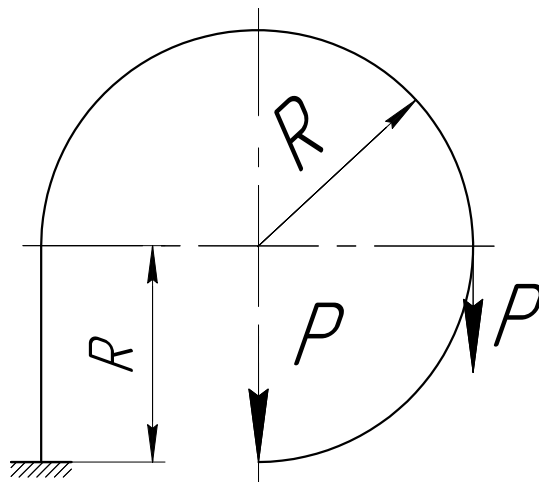


Вар. 3

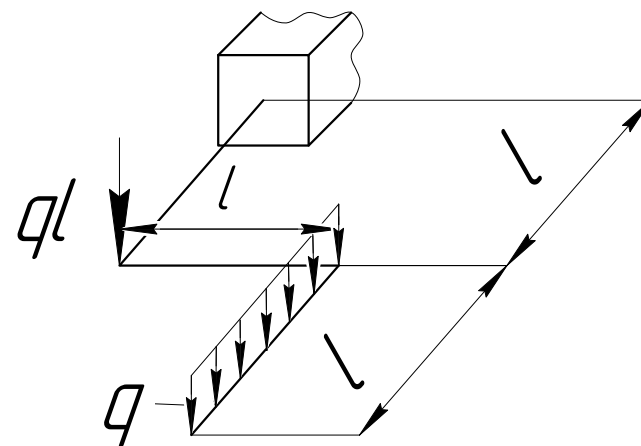
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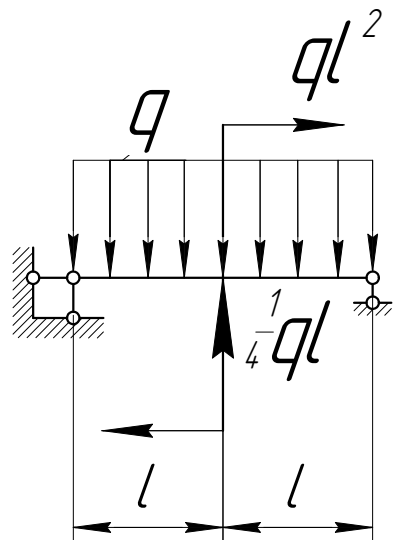
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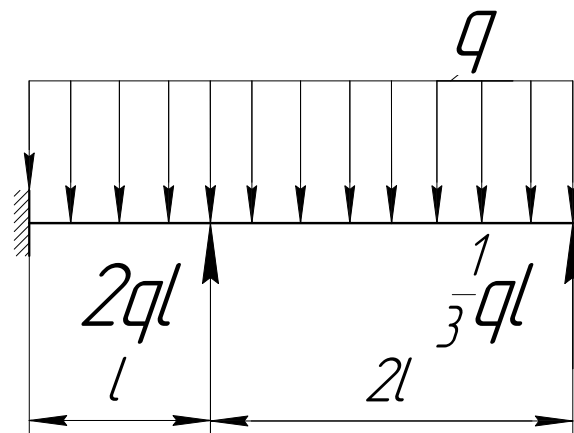
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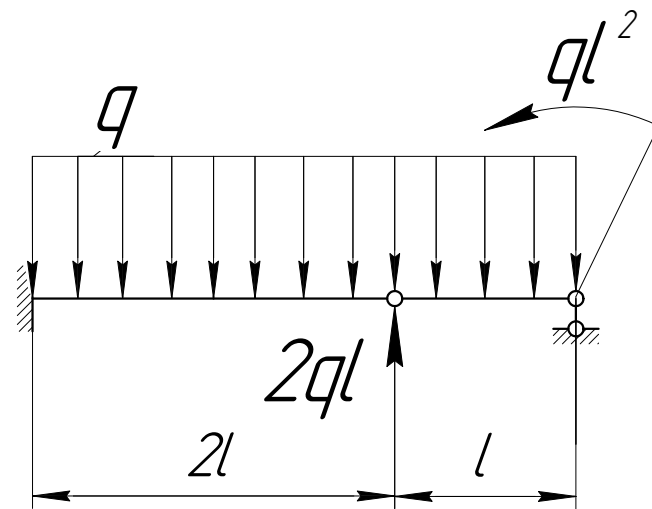


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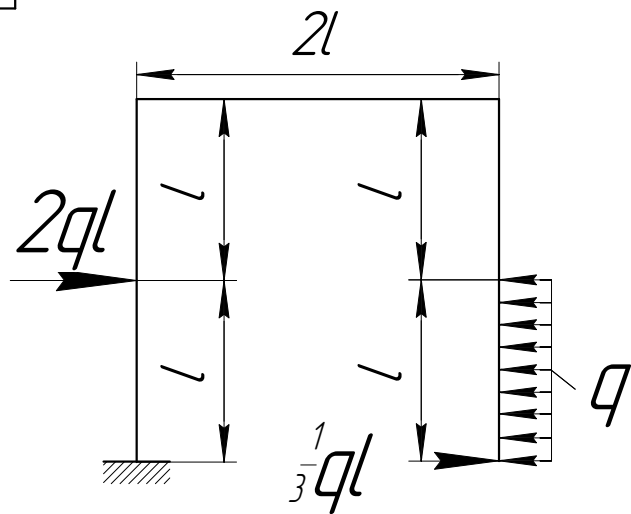


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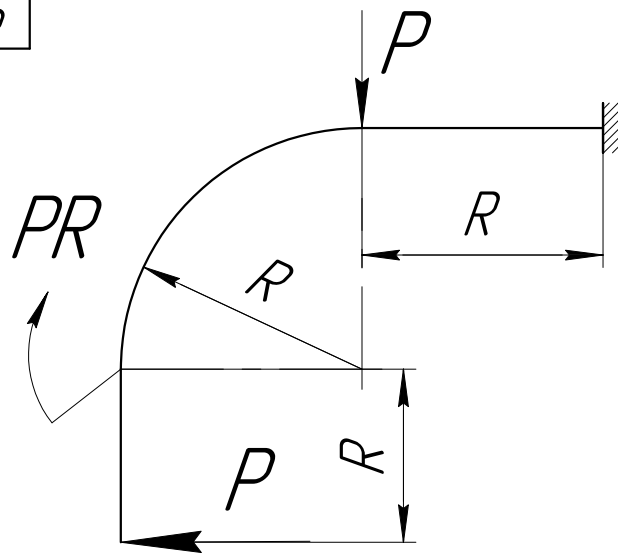
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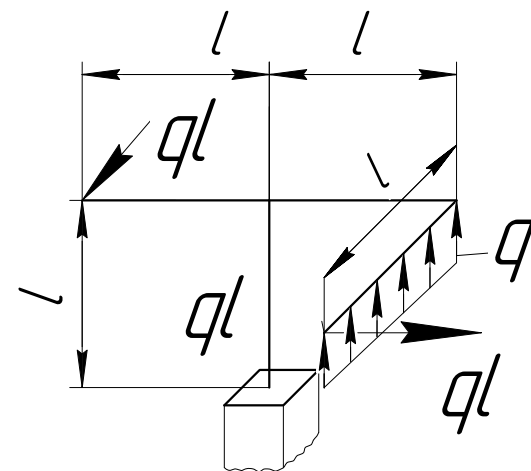
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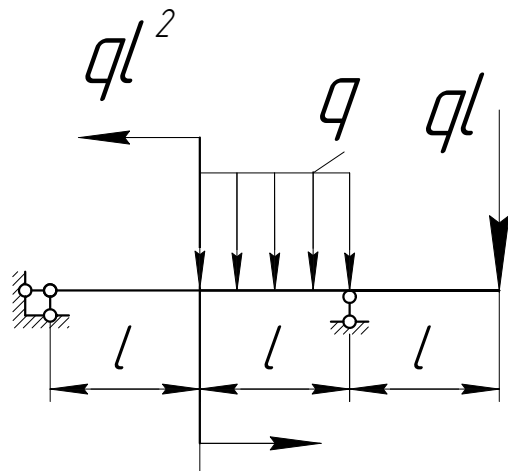
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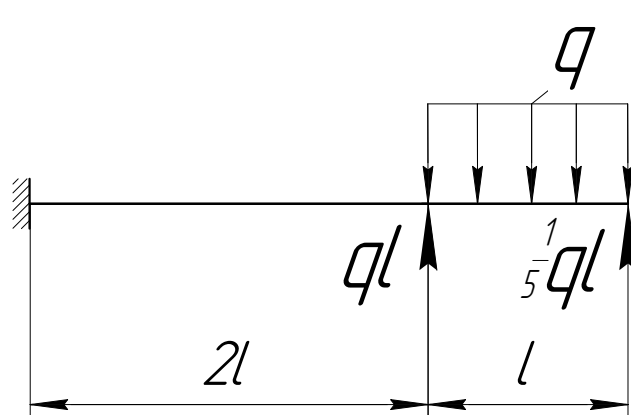
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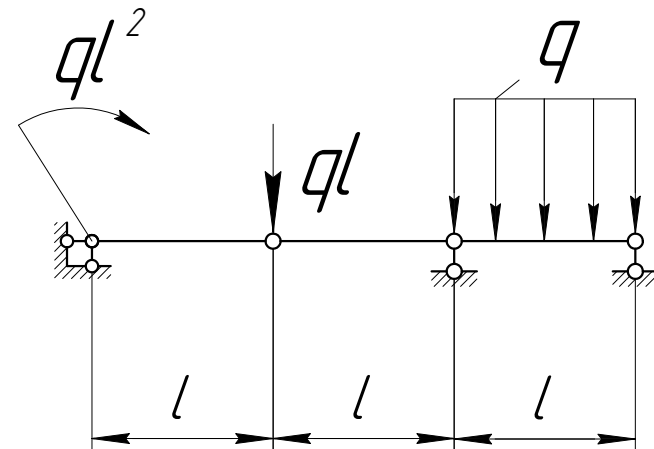


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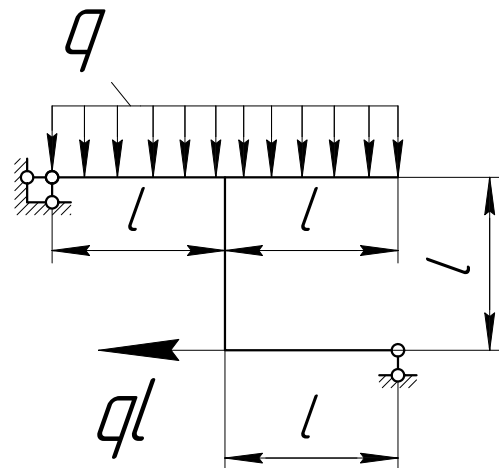


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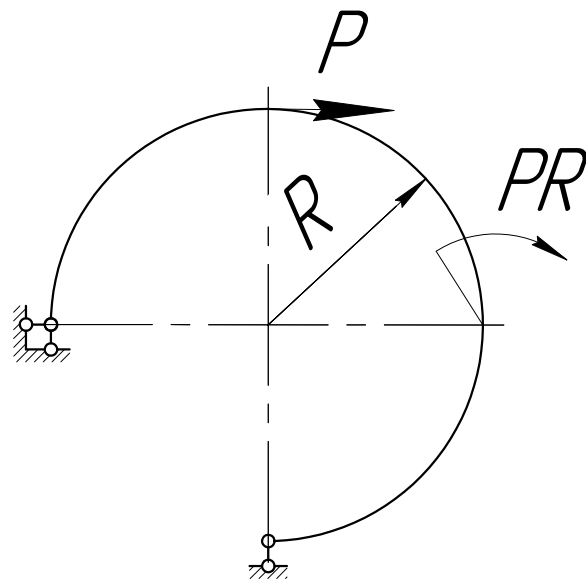
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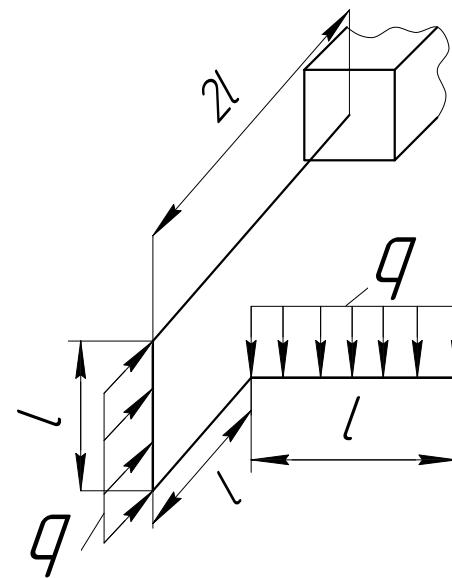
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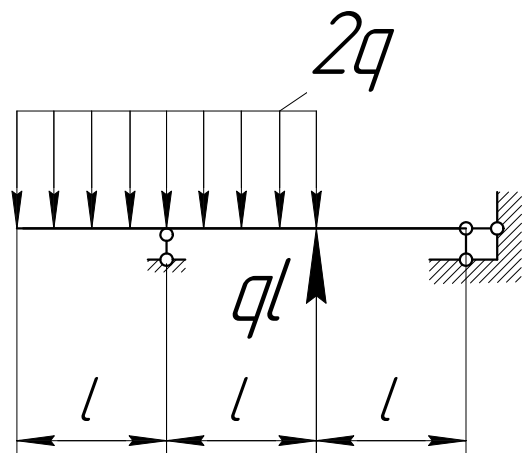
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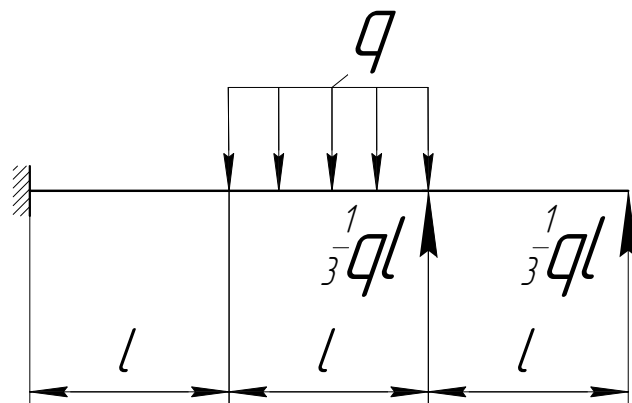
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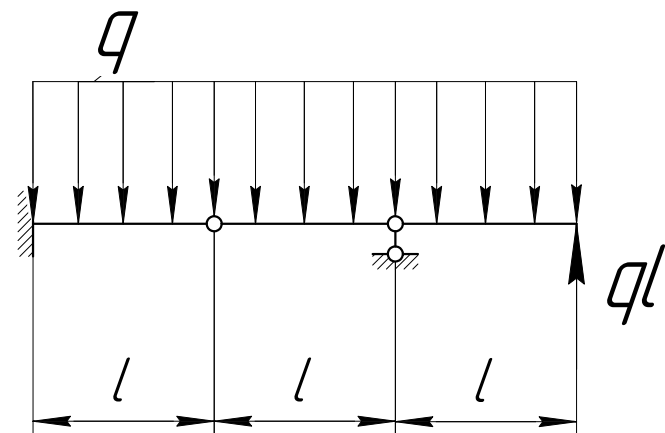


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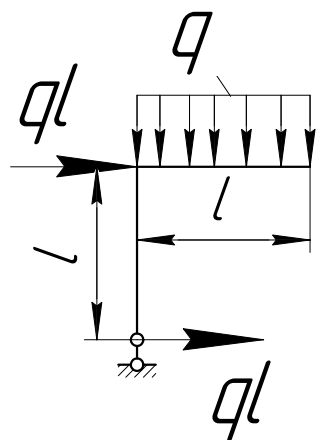


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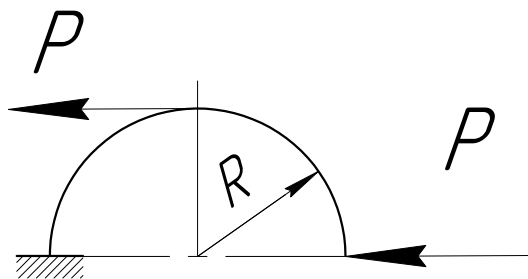
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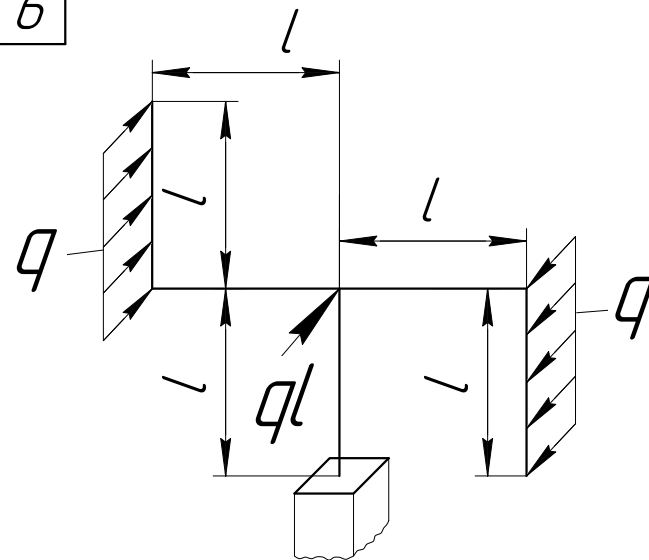
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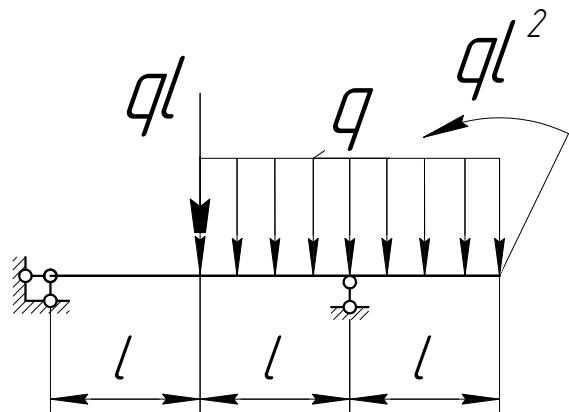
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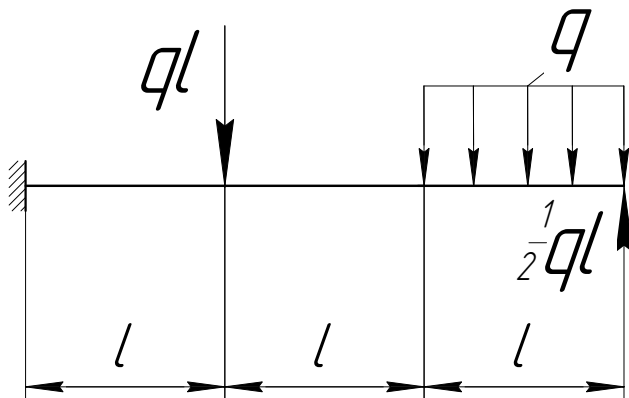
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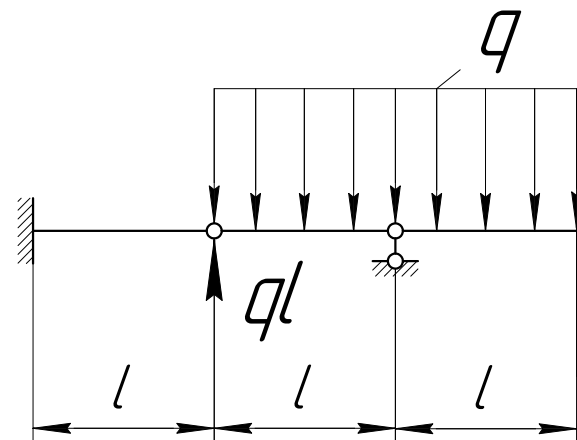
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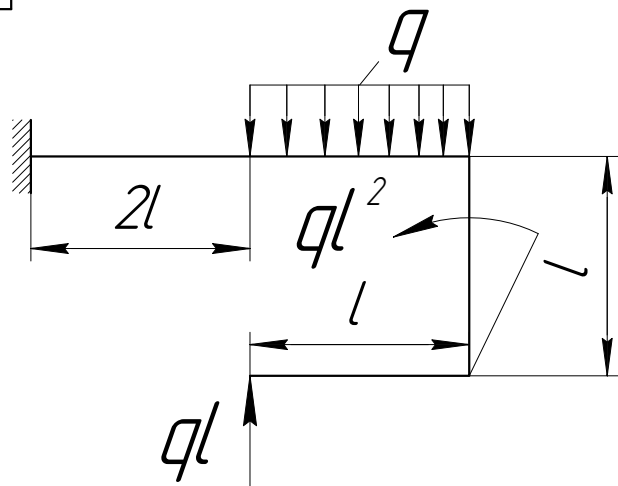


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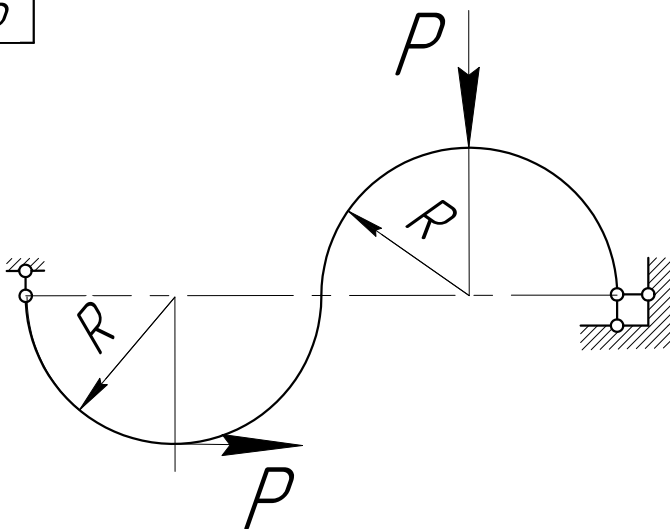


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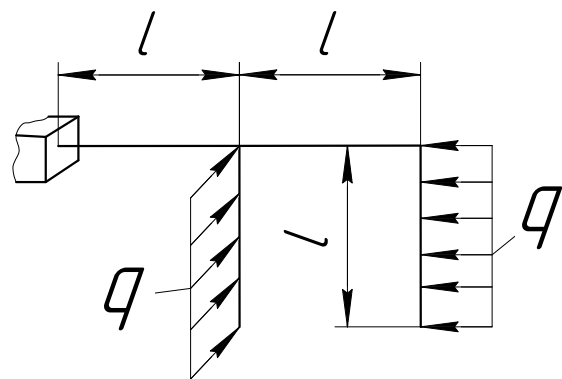
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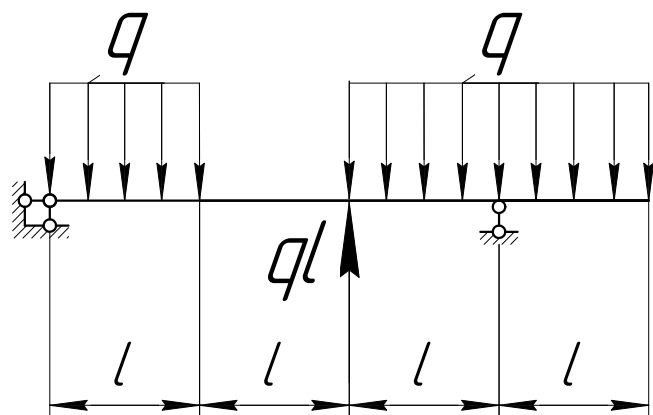
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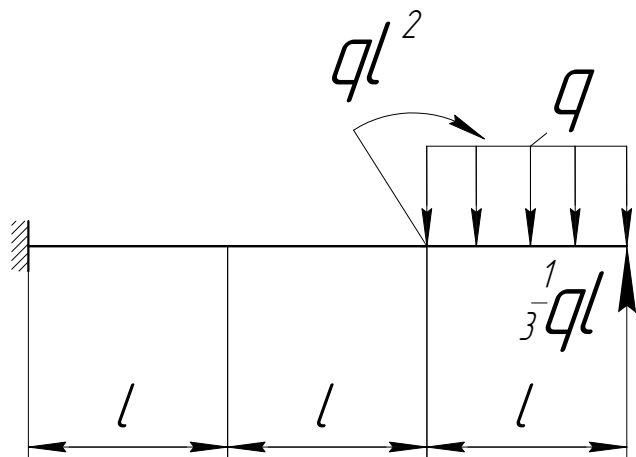
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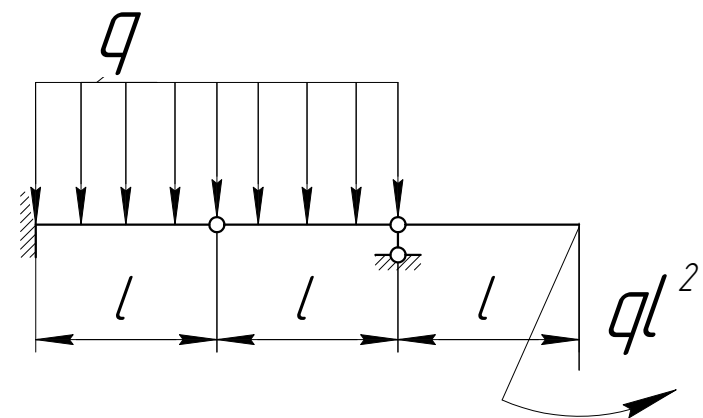
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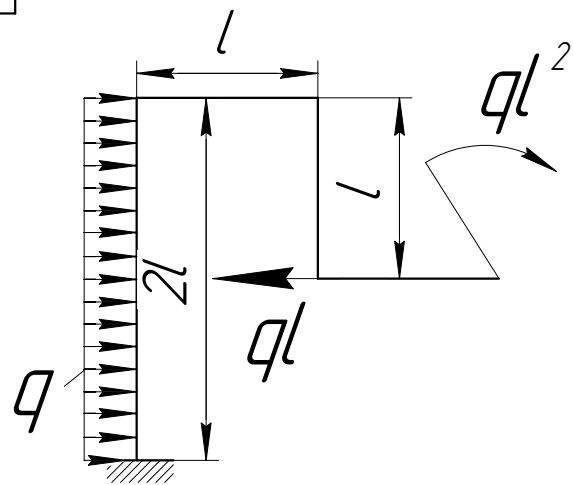


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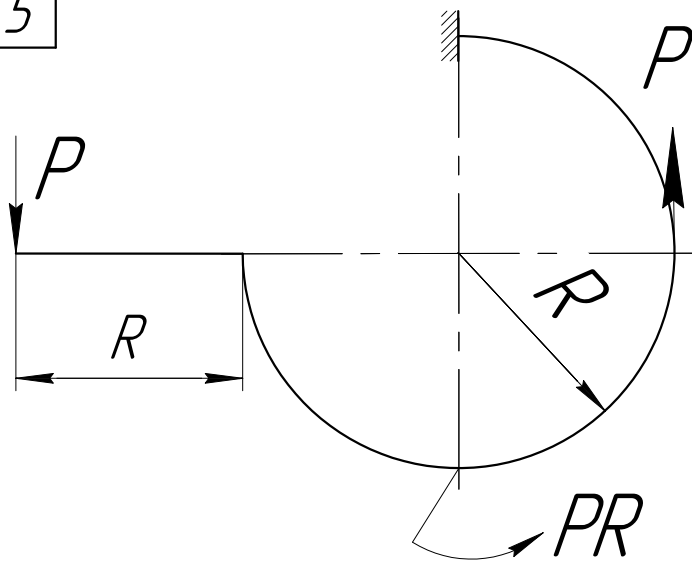


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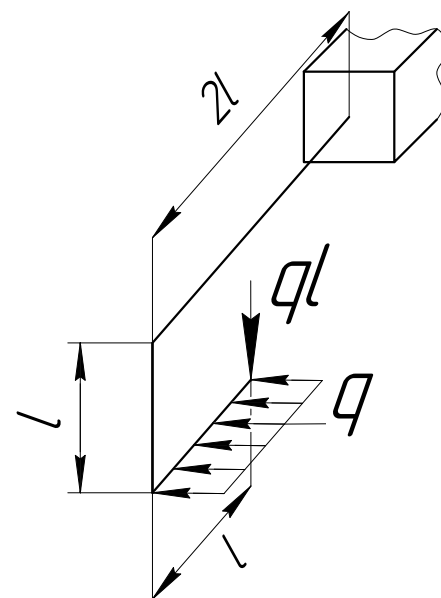
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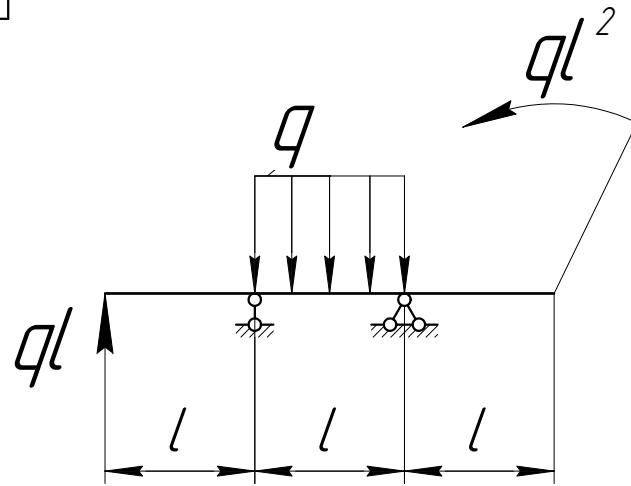
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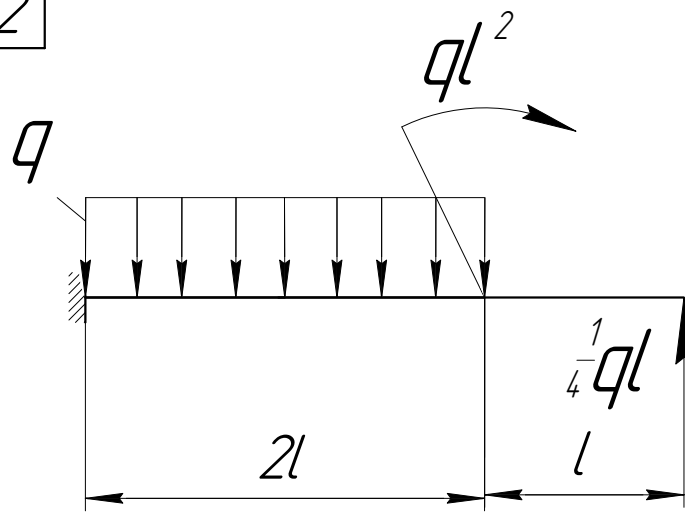
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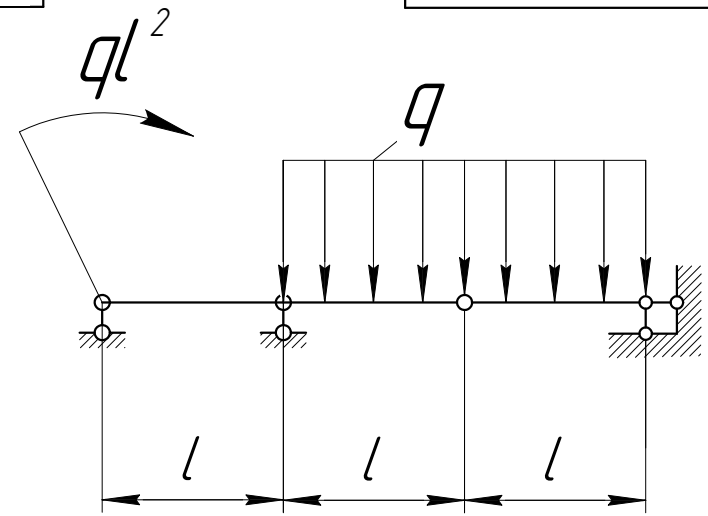


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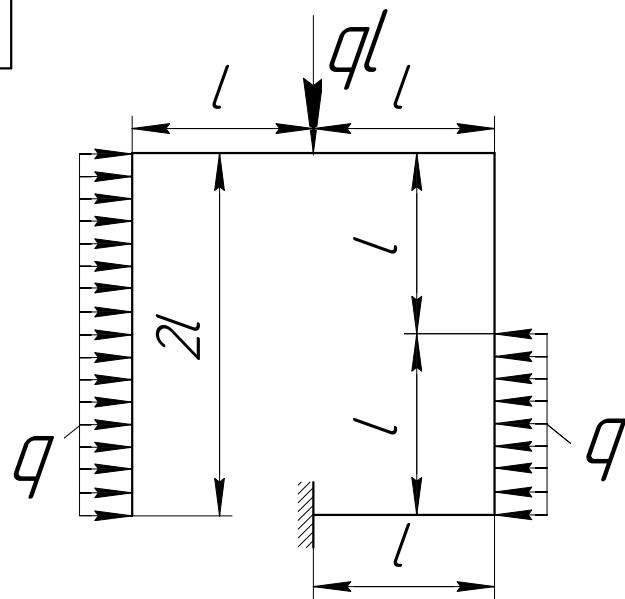


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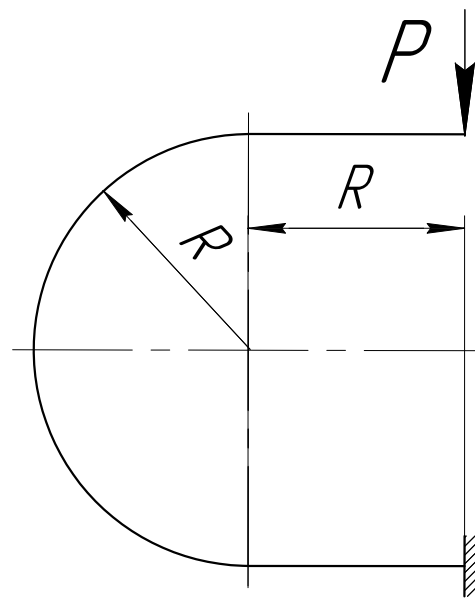
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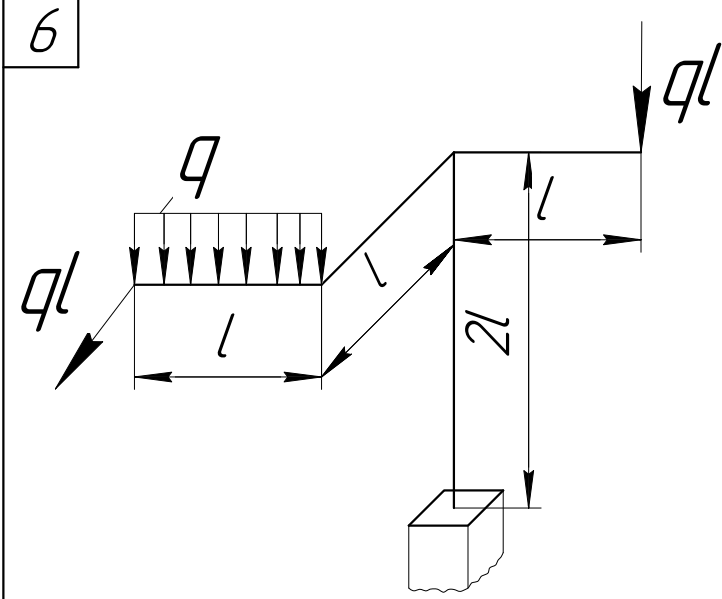
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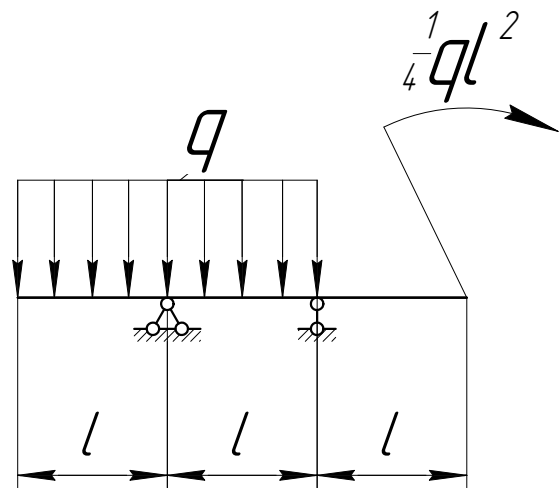
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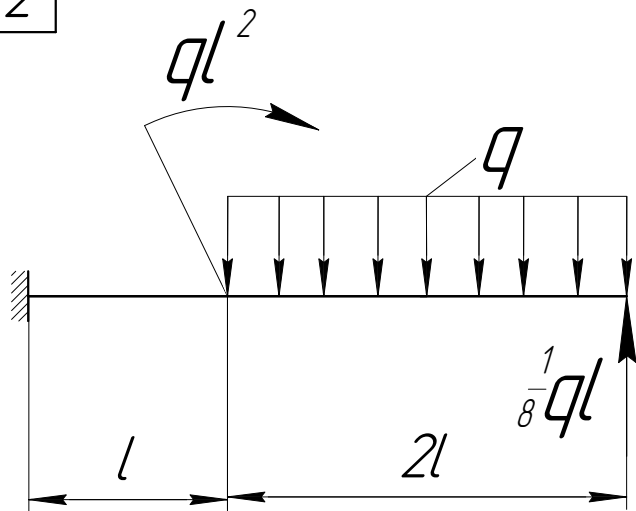
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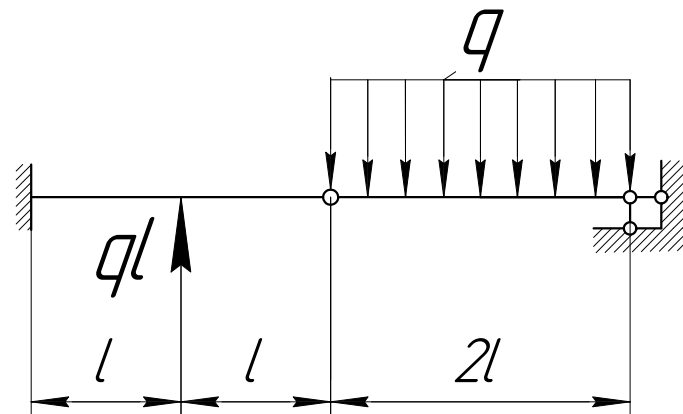


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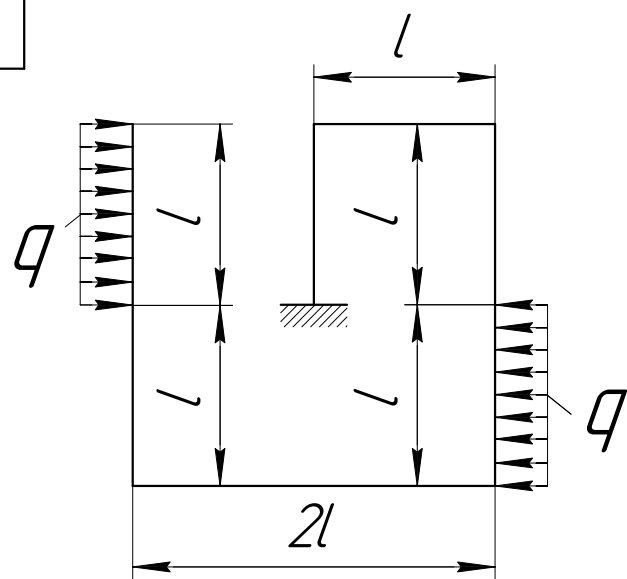


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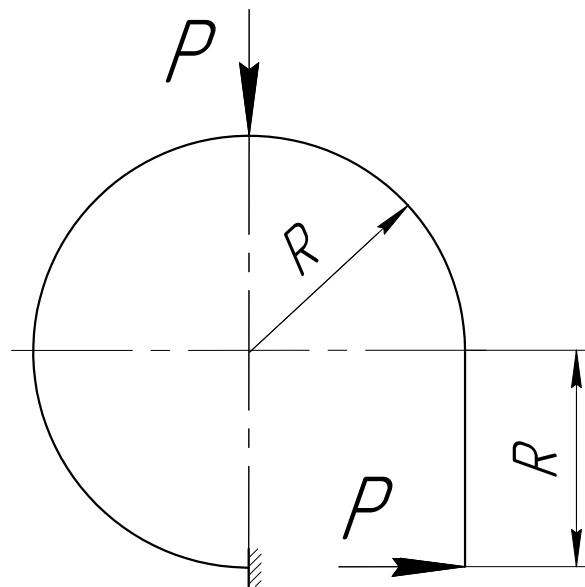
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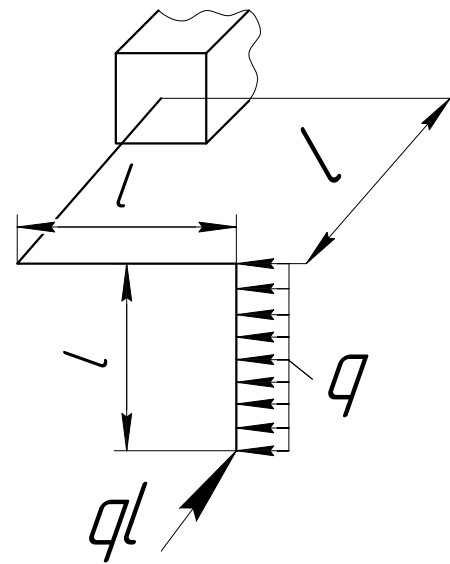
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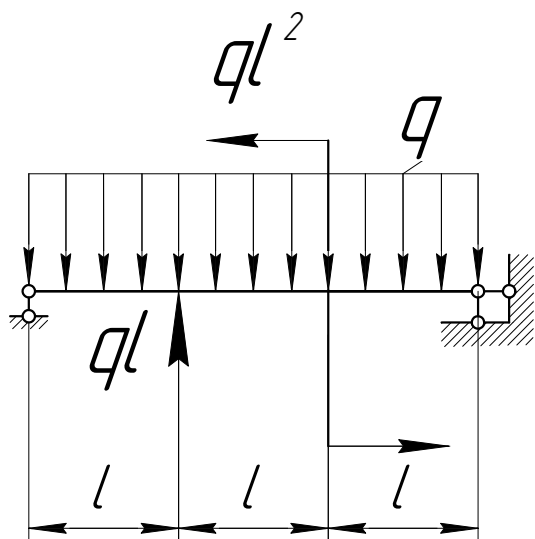
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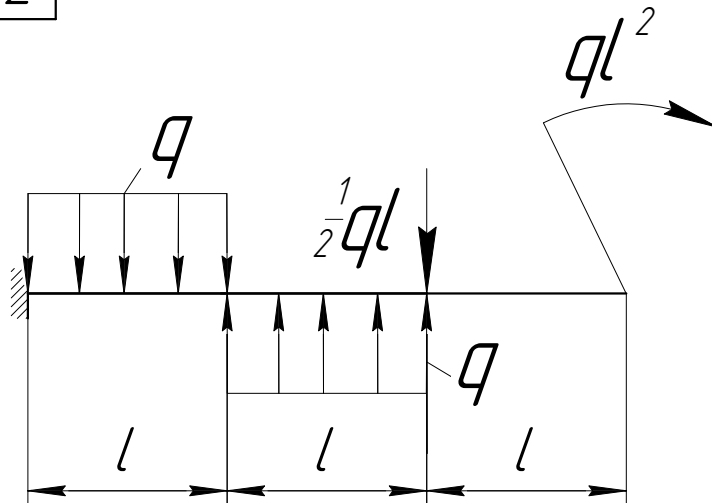
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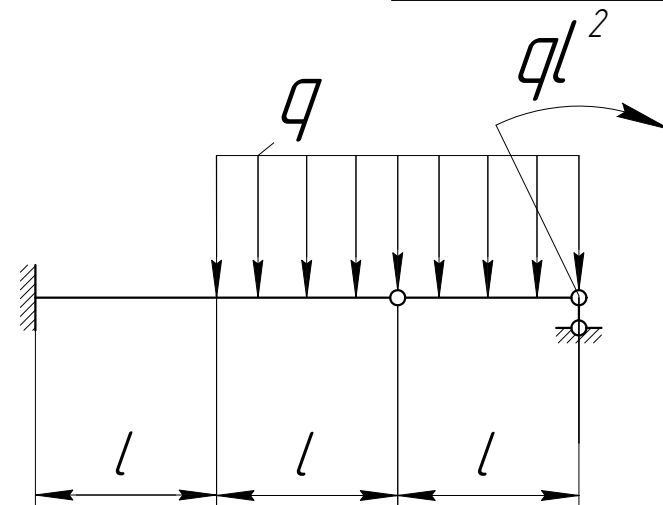
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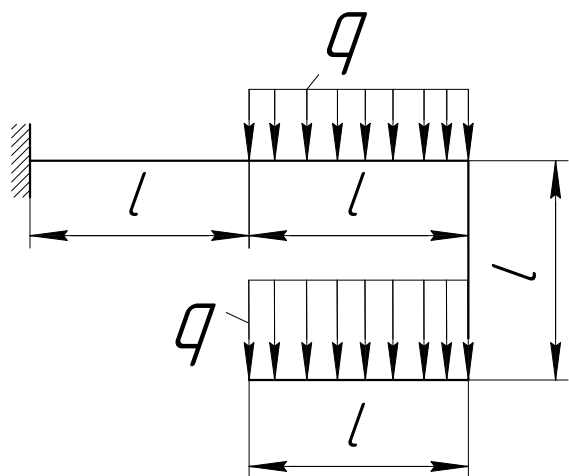


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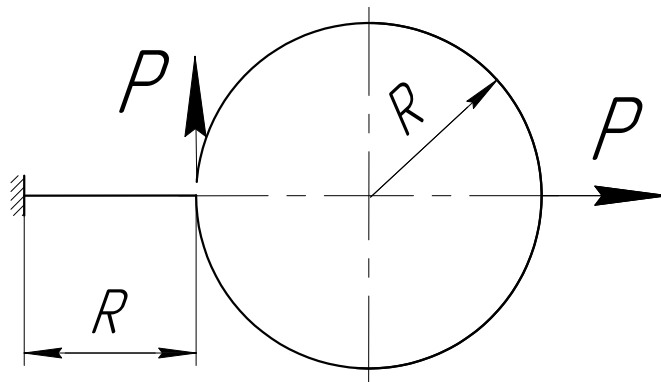


Bap. 11

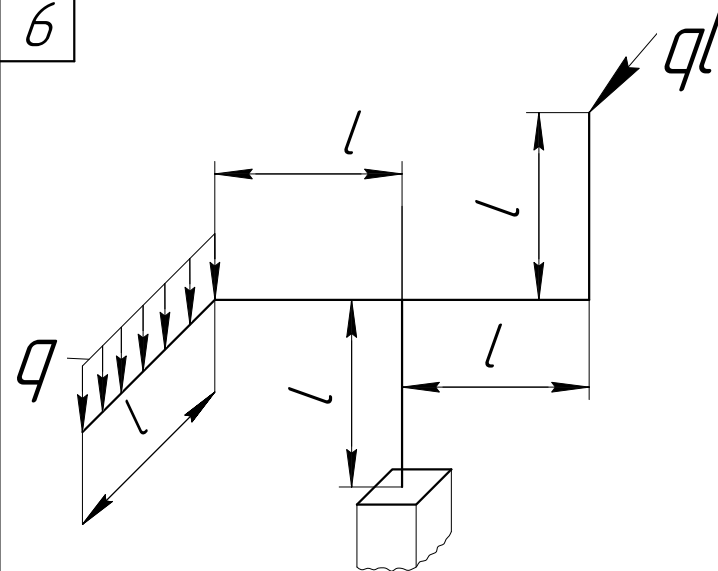
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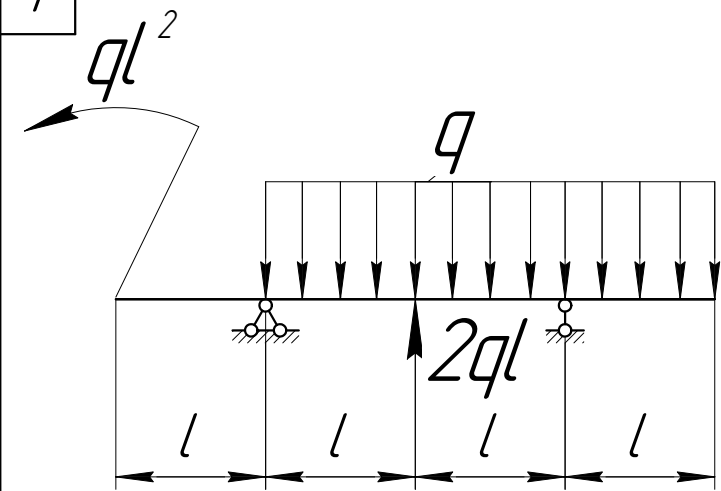
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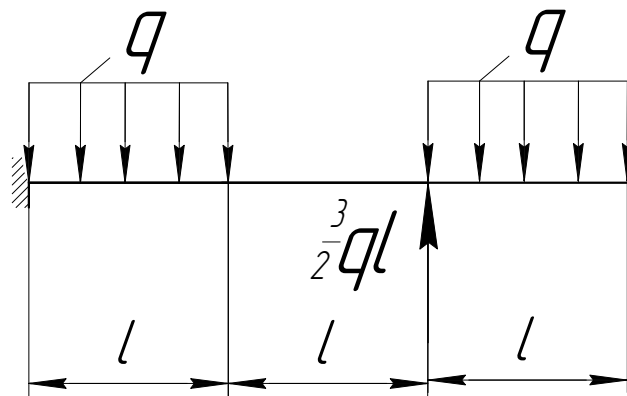
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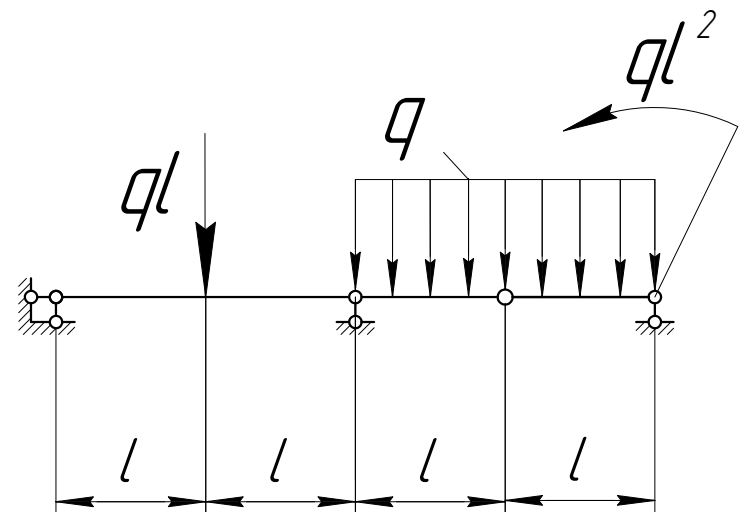


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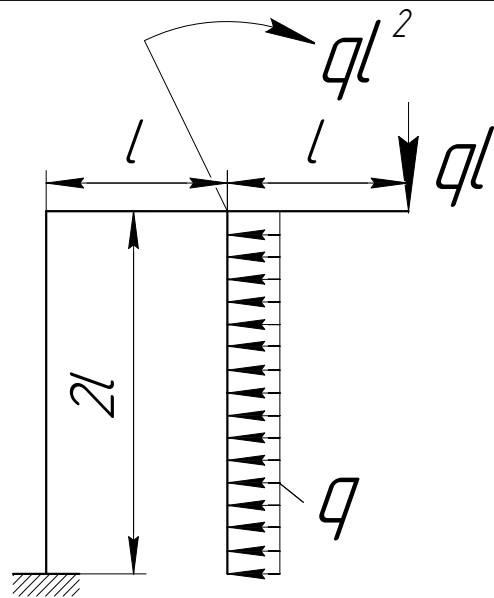


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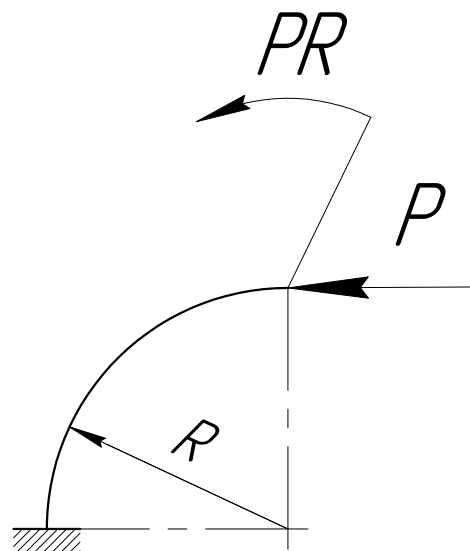
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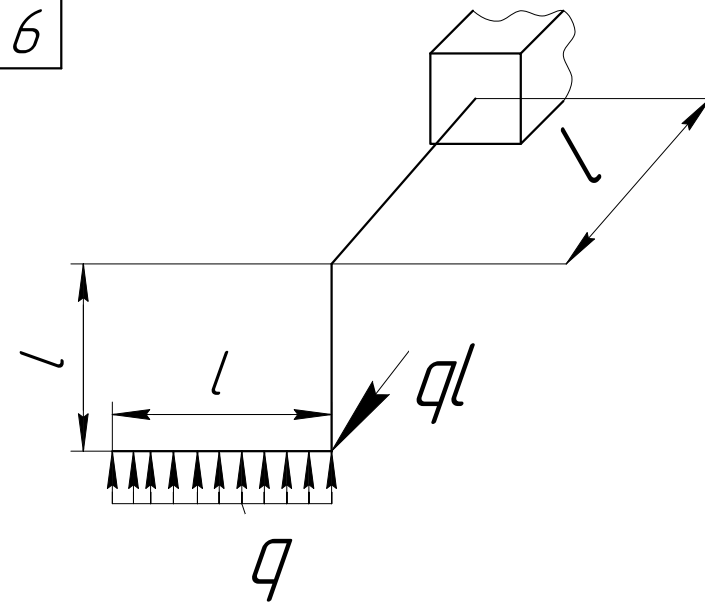
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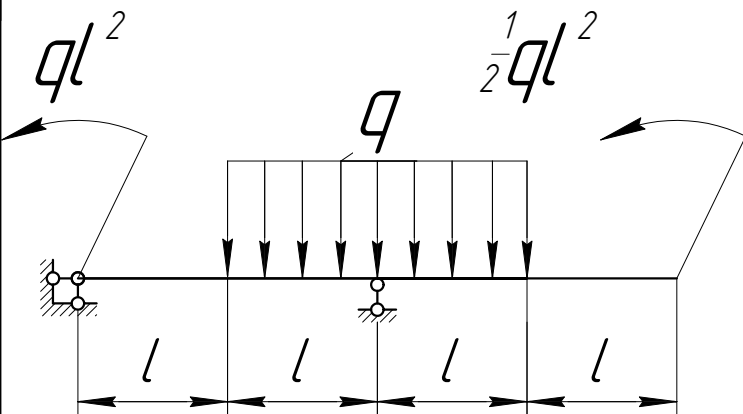
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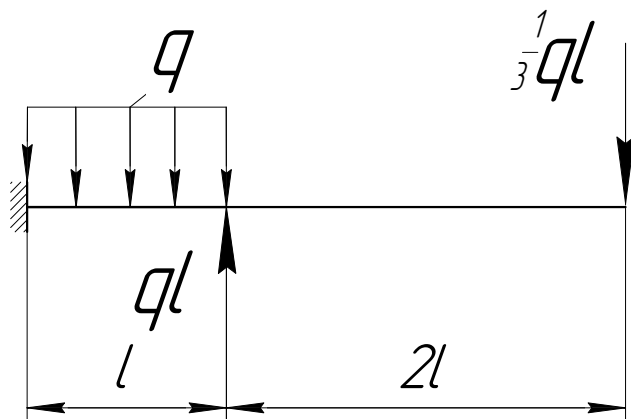
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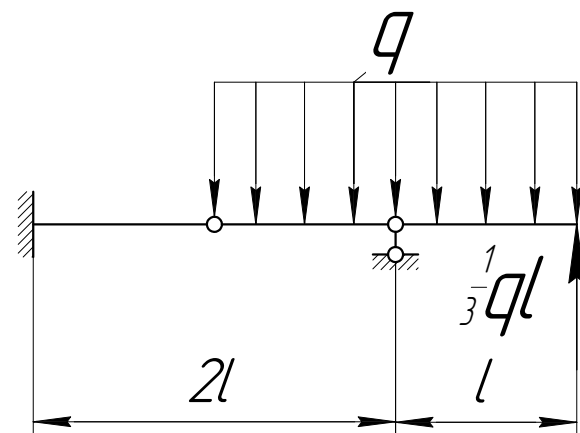
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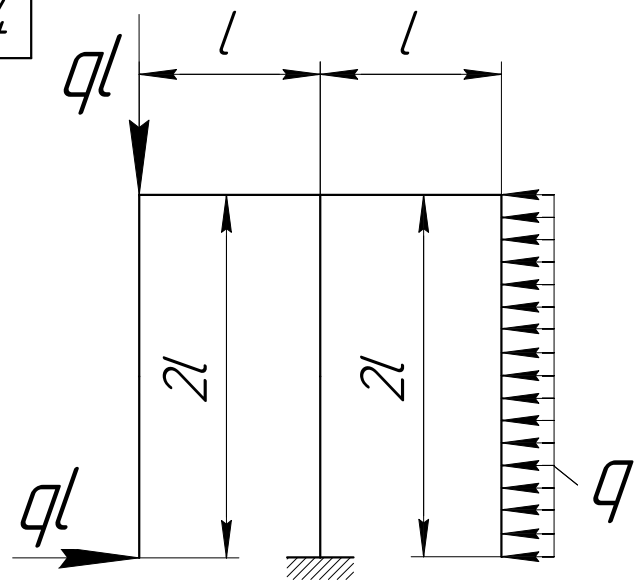


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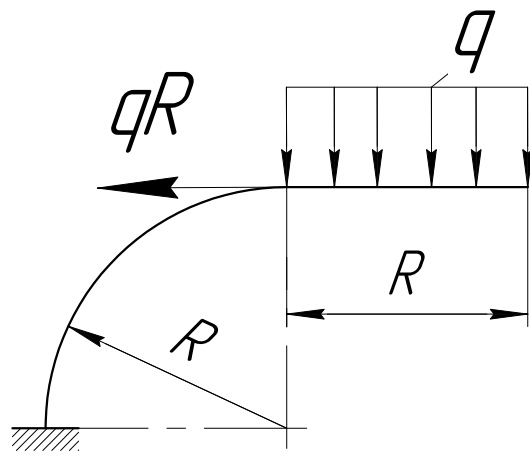


Bap. 13

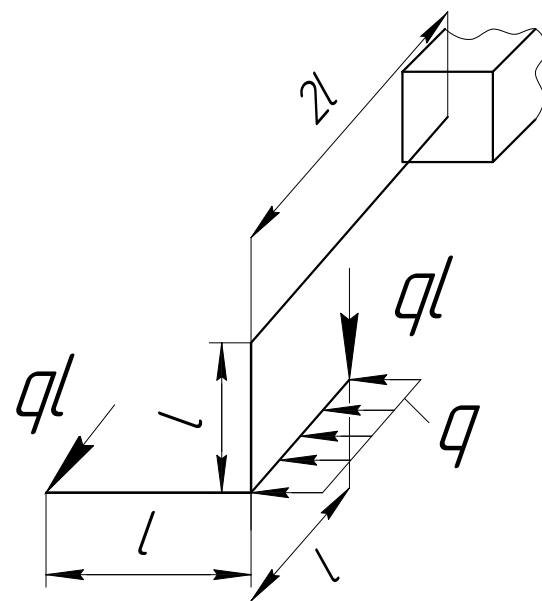
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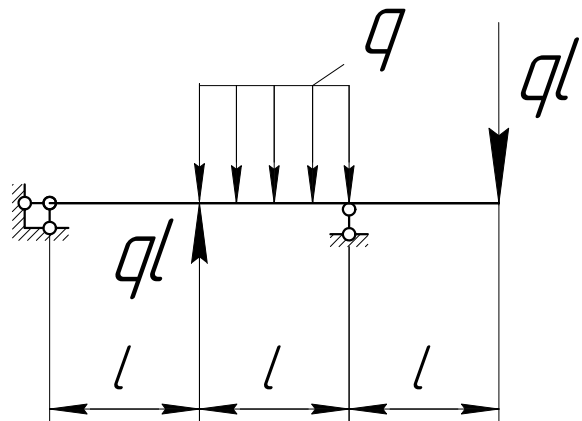
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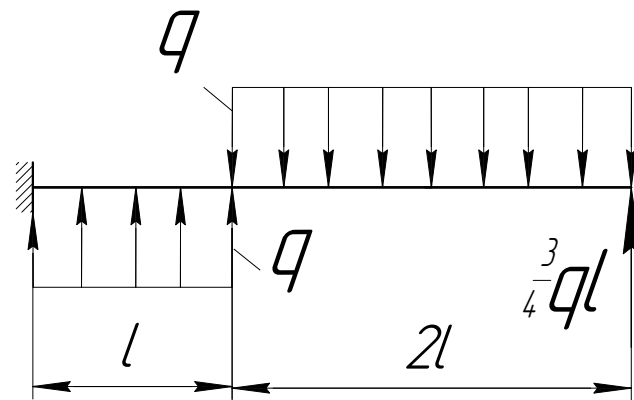
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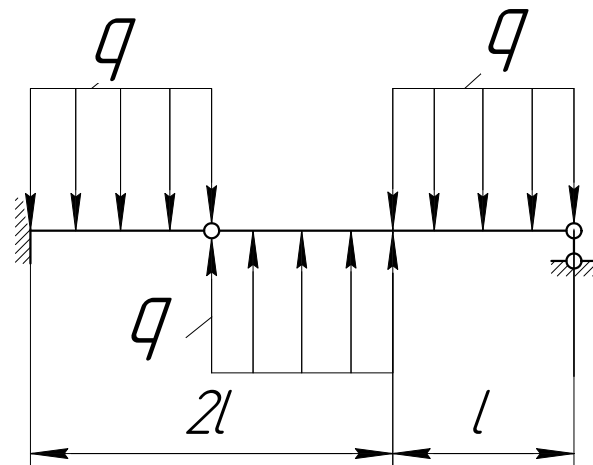


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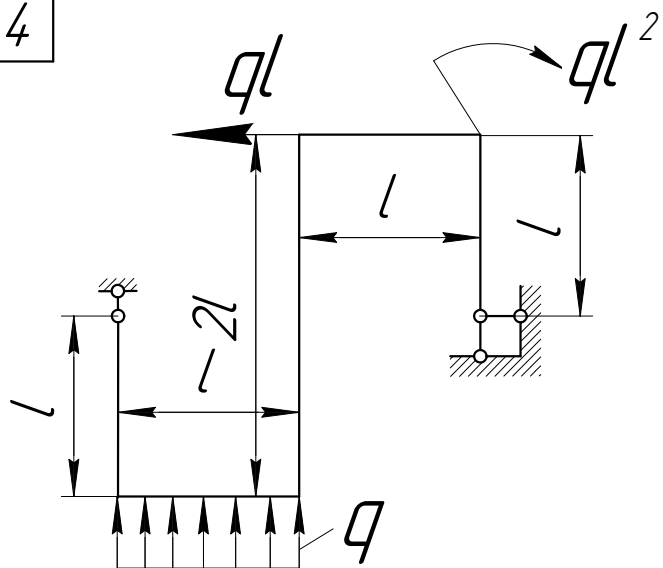


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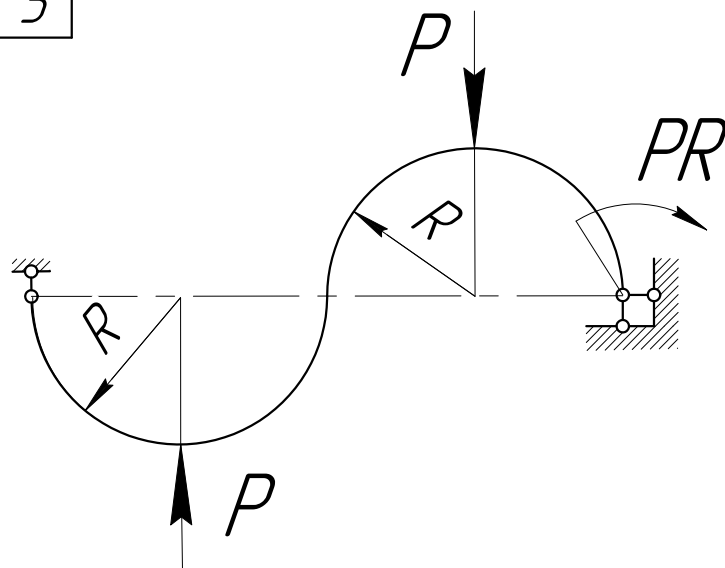
Bap. 14



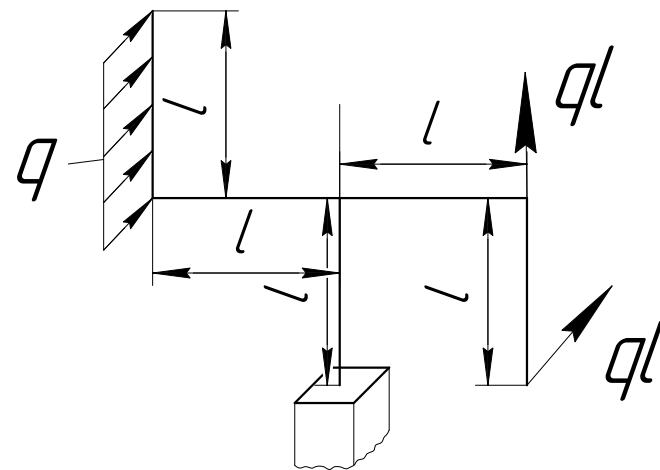
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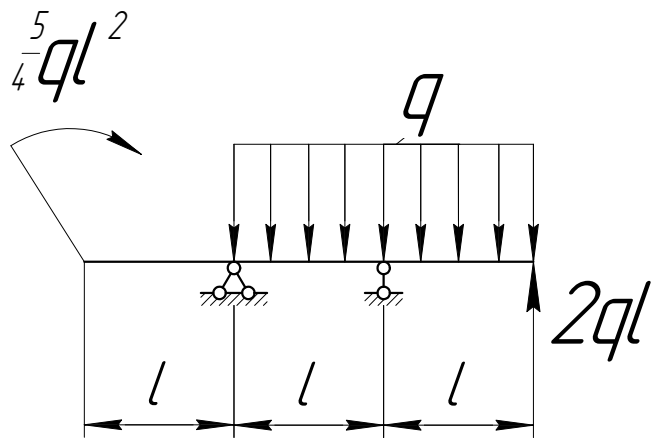
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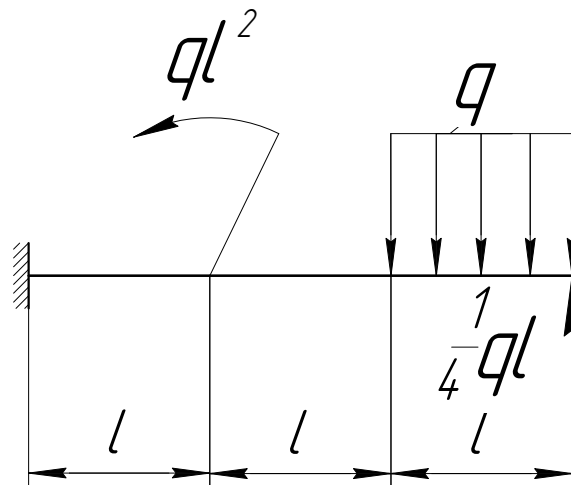
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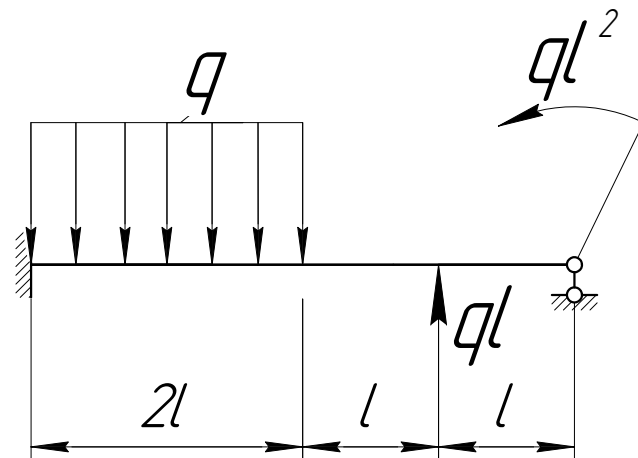
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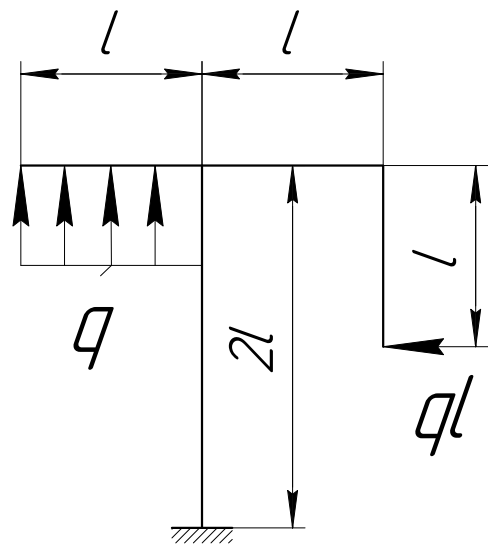


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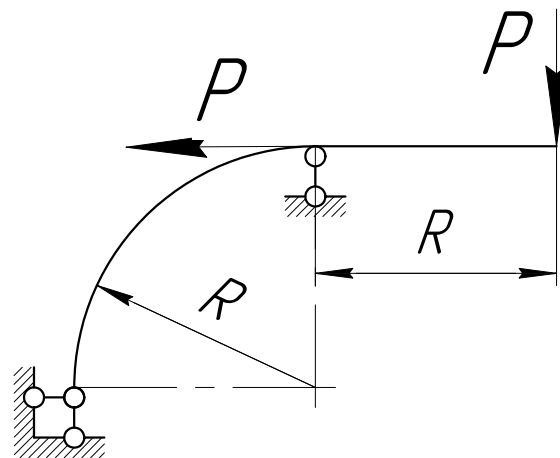


Bap. 15

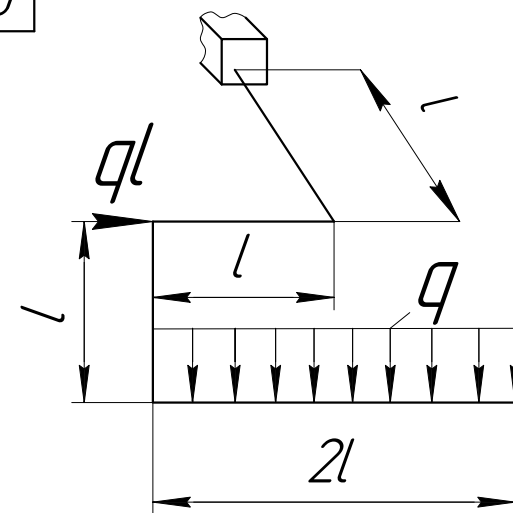
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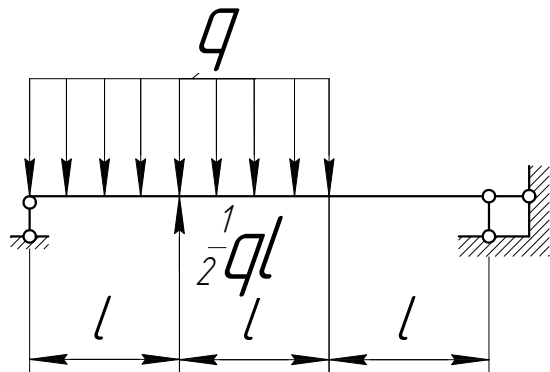
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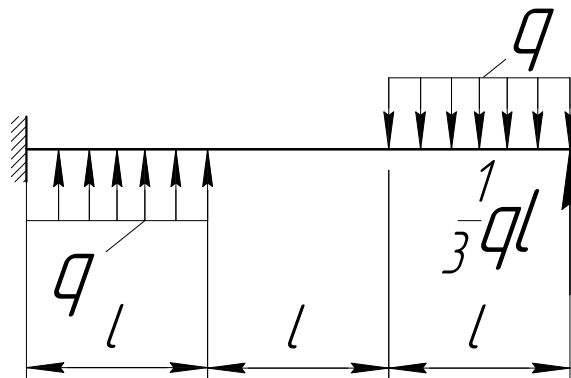
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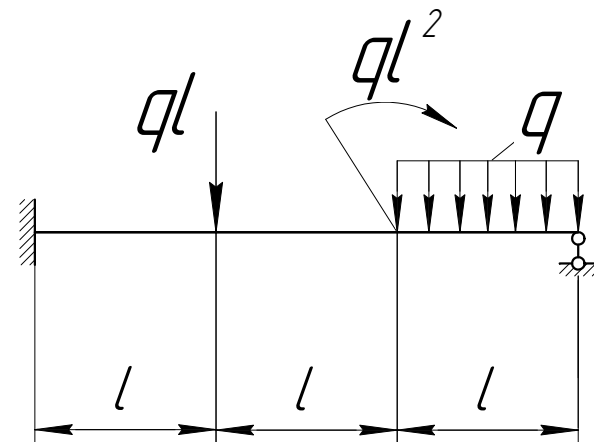
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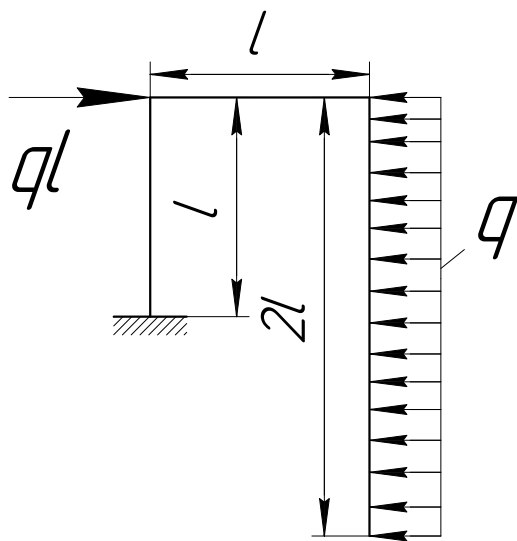


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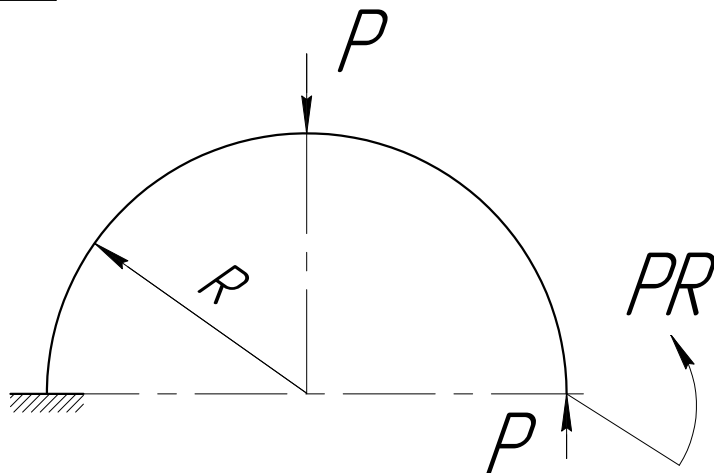


Bap. 16

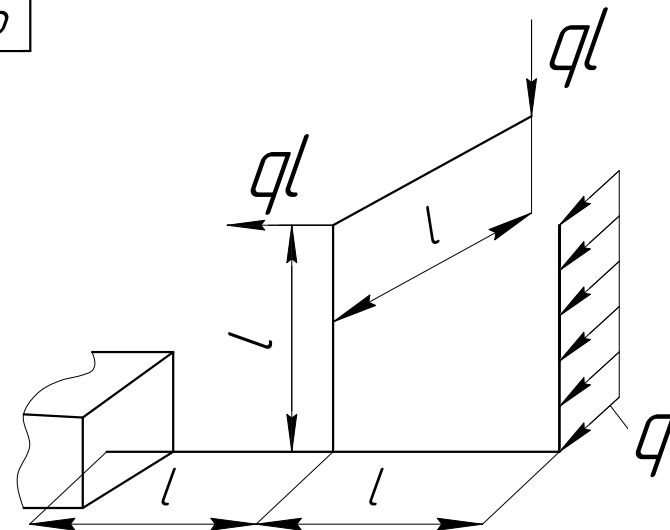
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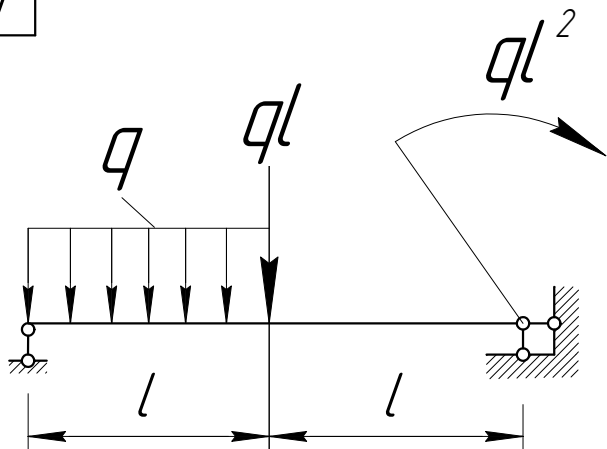
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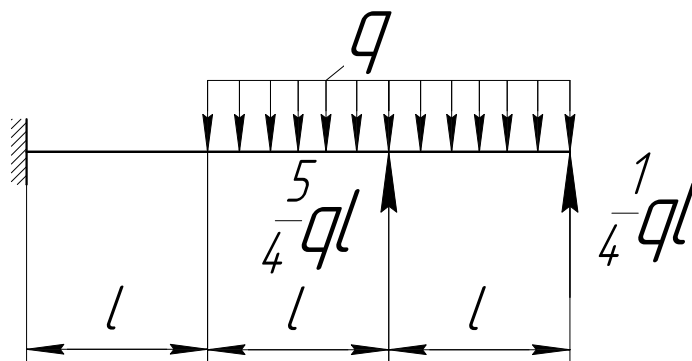
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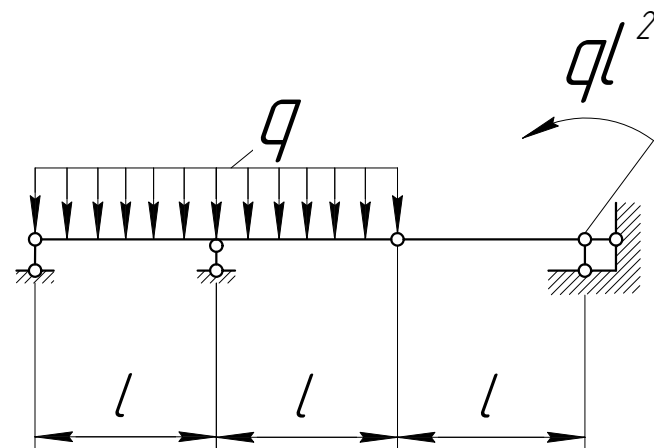
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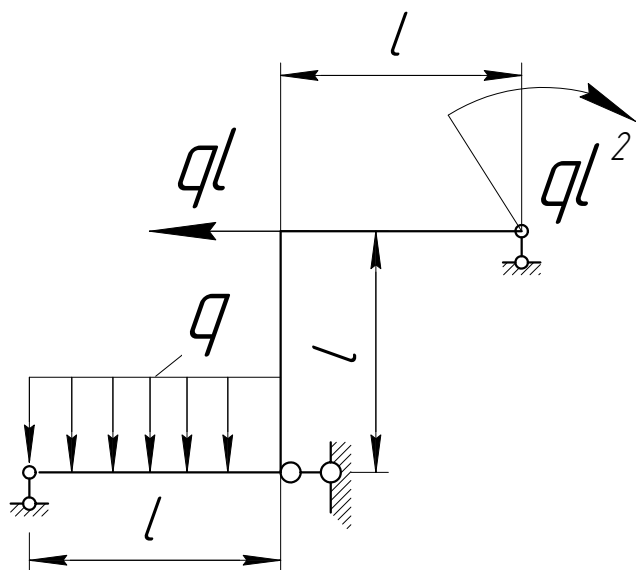
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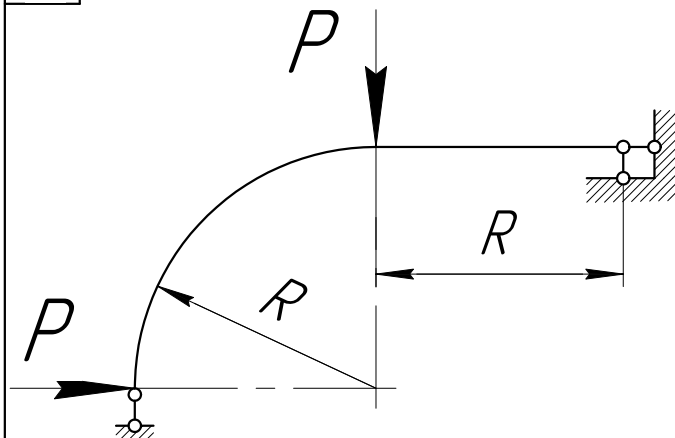
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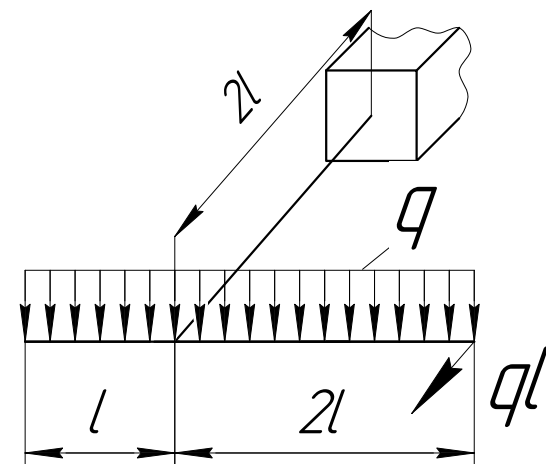
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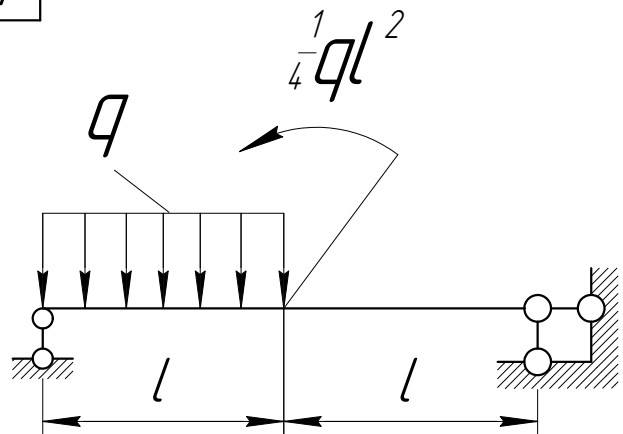
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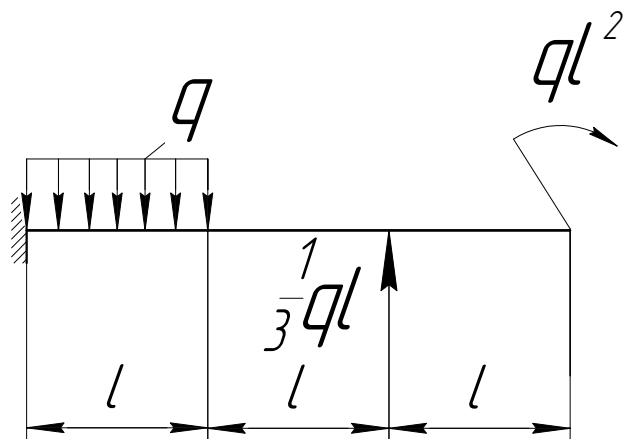
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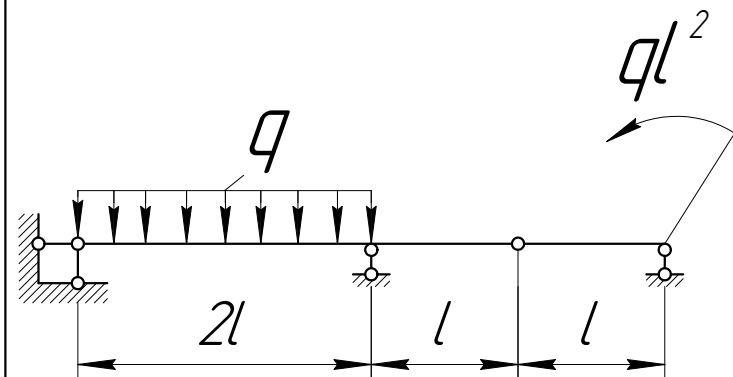


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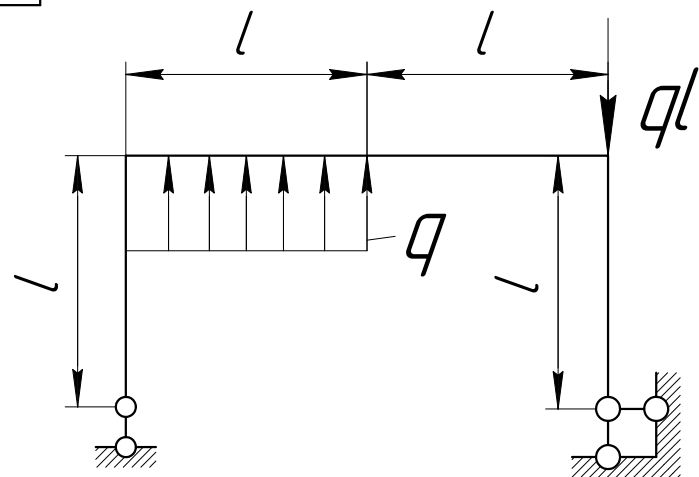


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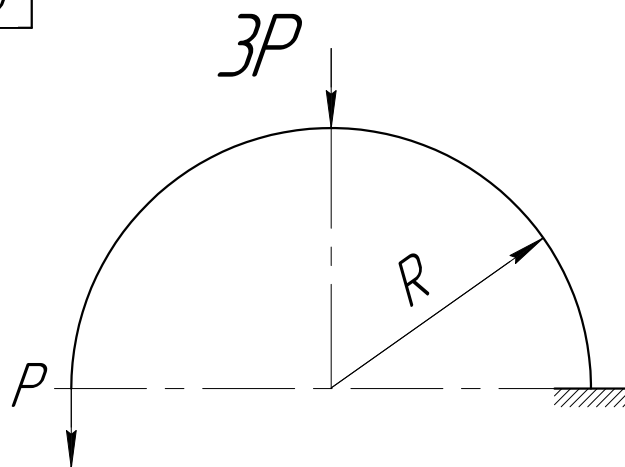
Bap. 18



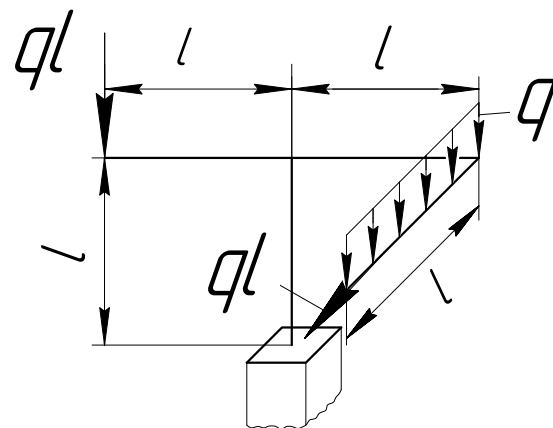
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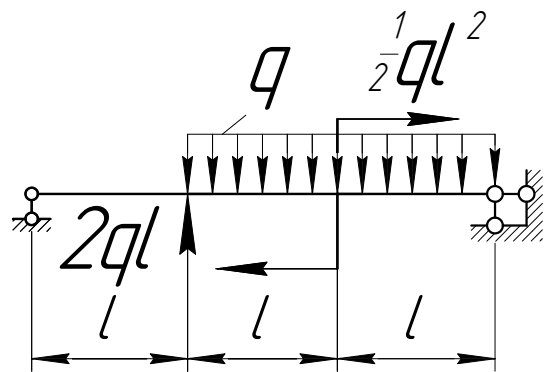
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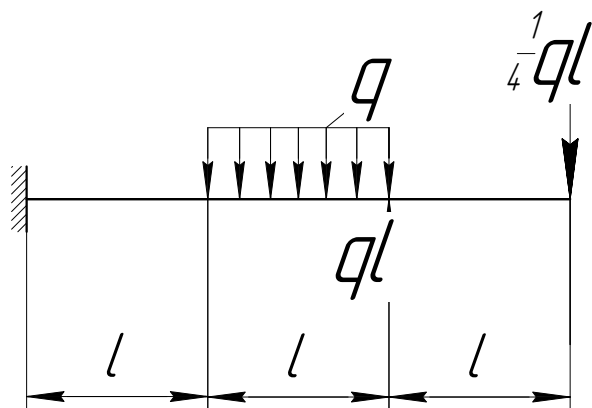
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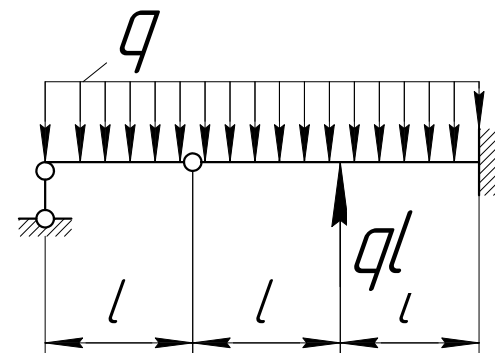
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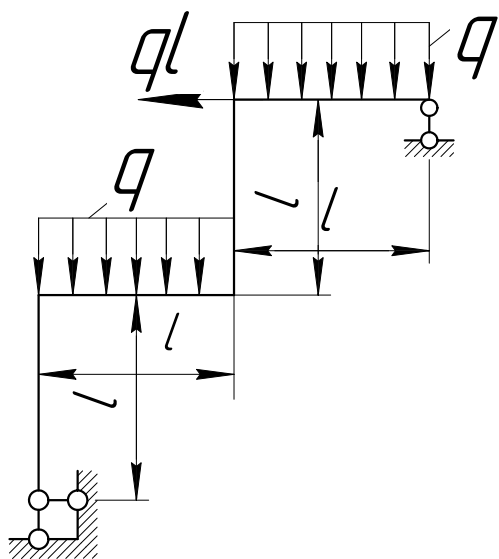


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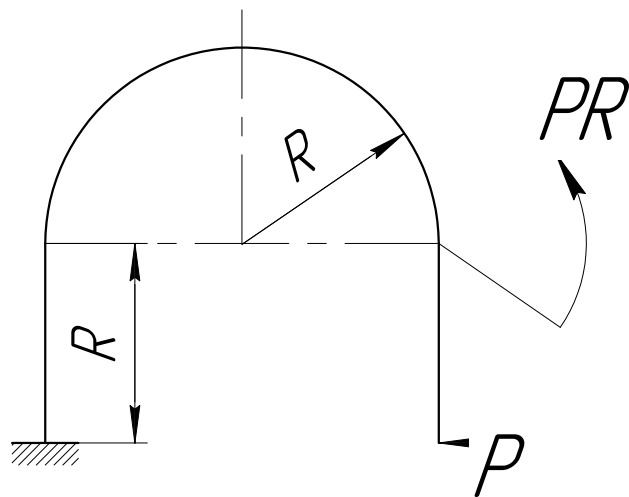


Bap. 19

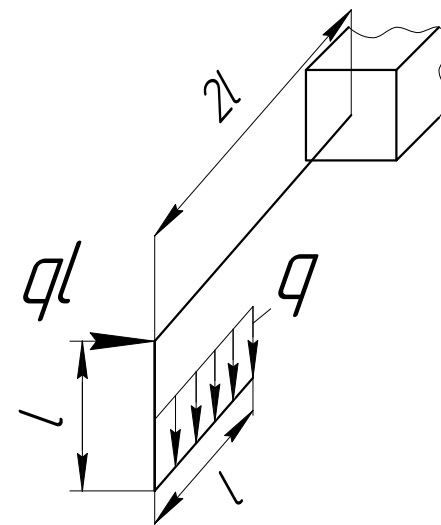
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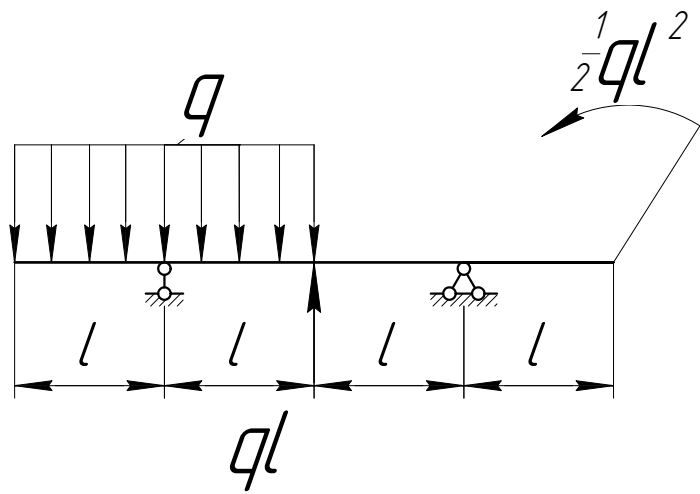
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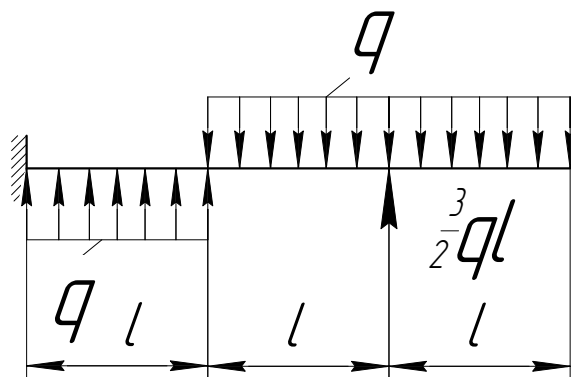
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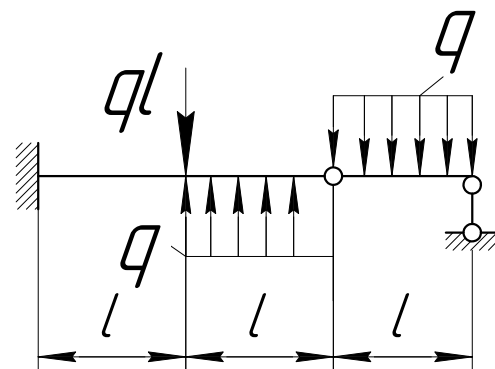
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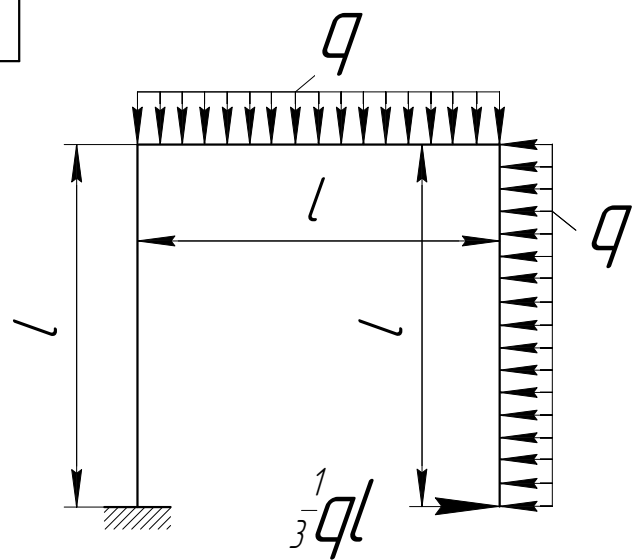


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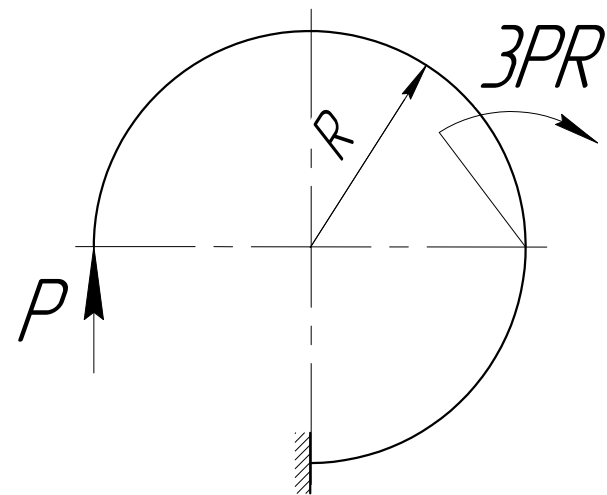


Bap. 20

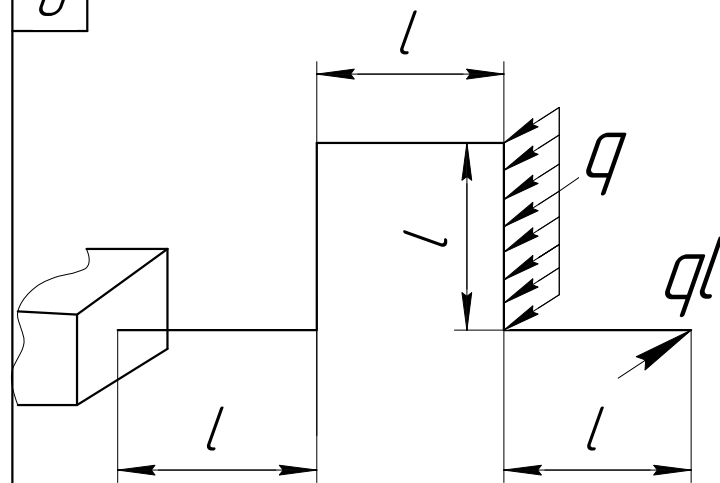
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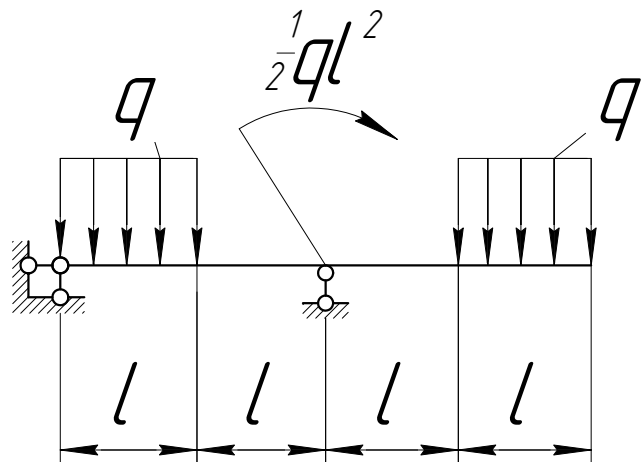
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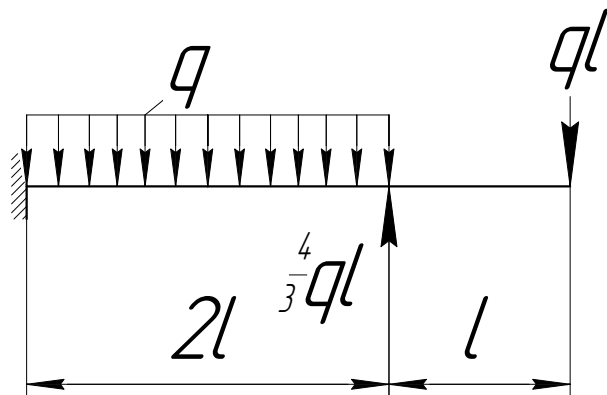
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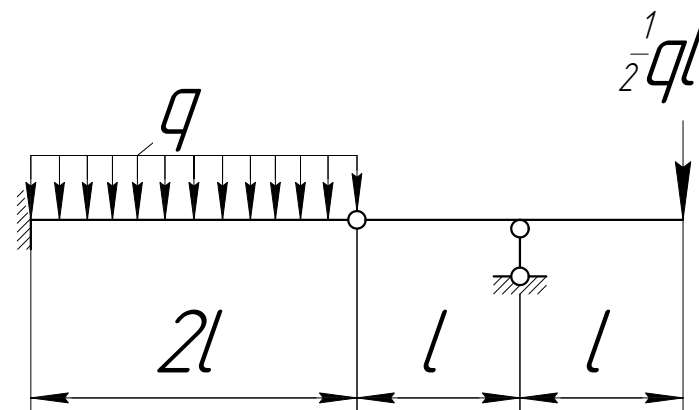
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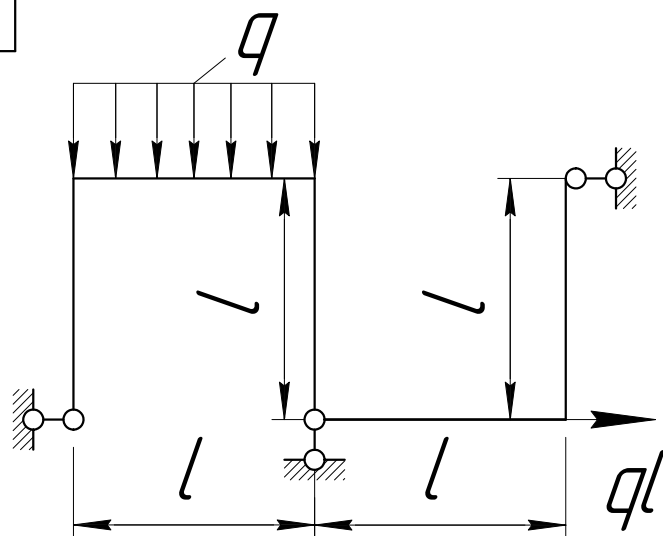


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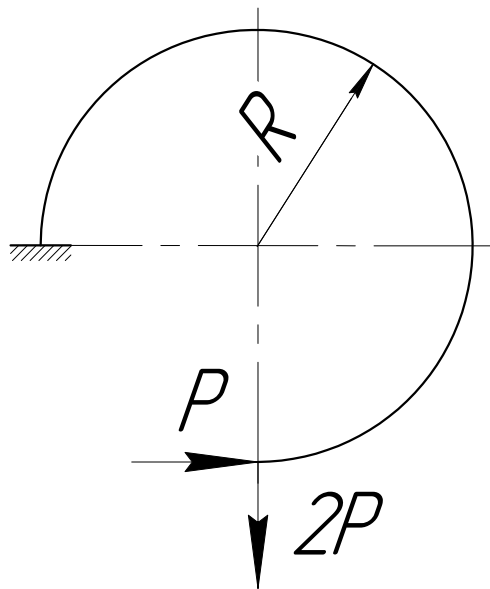


Bap. 21

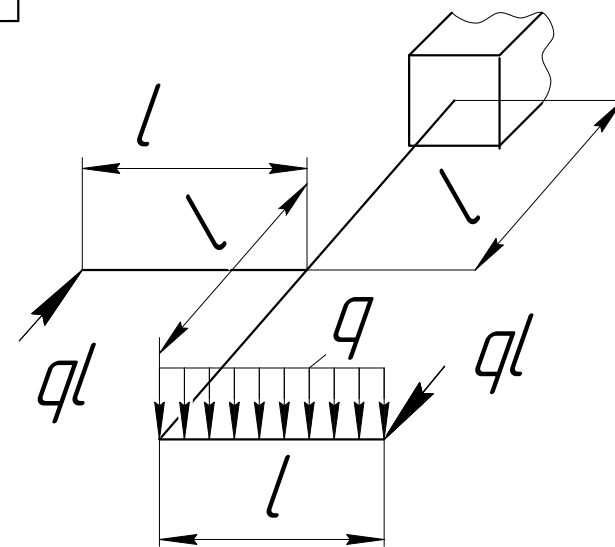
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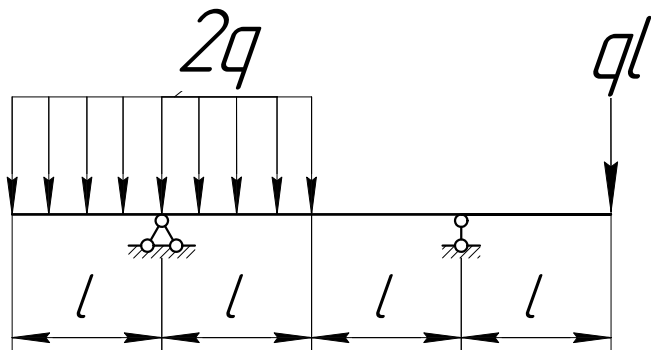
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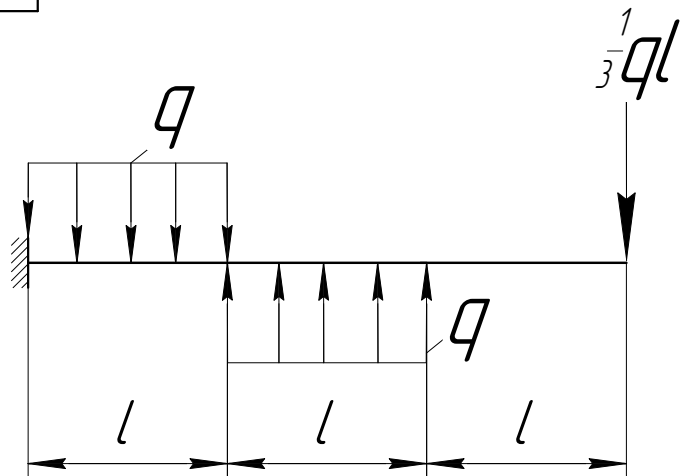
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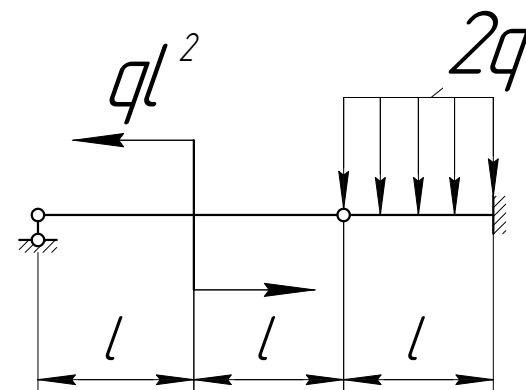
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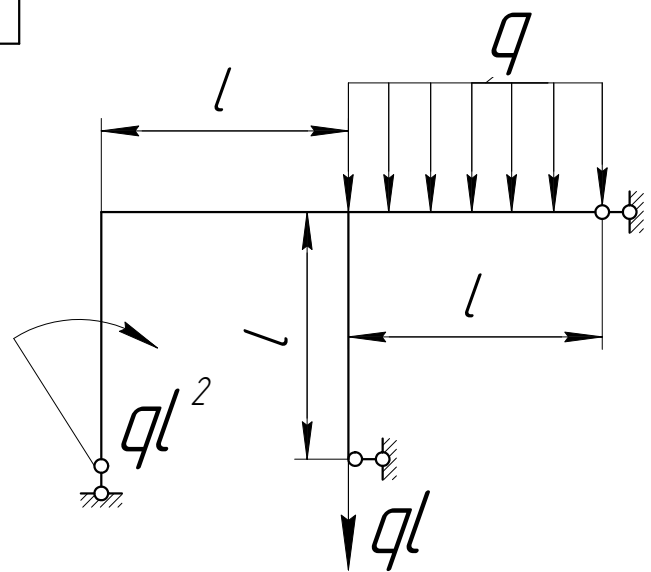


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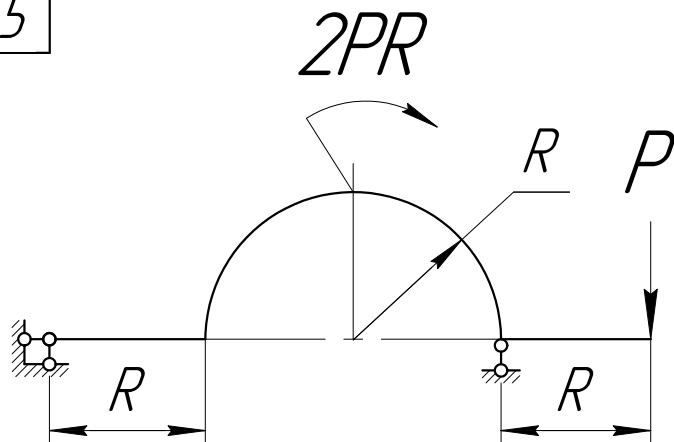


Вар. 22

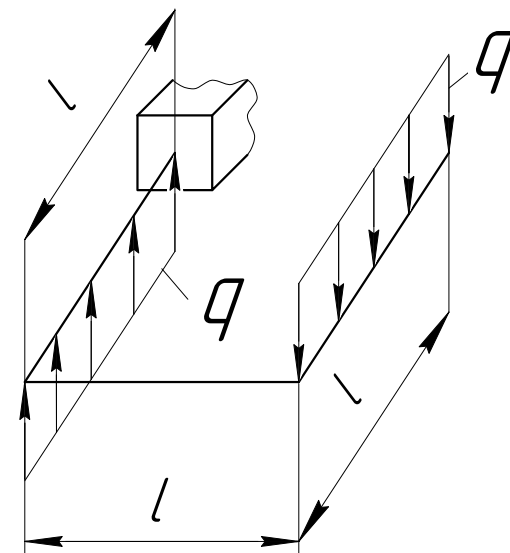
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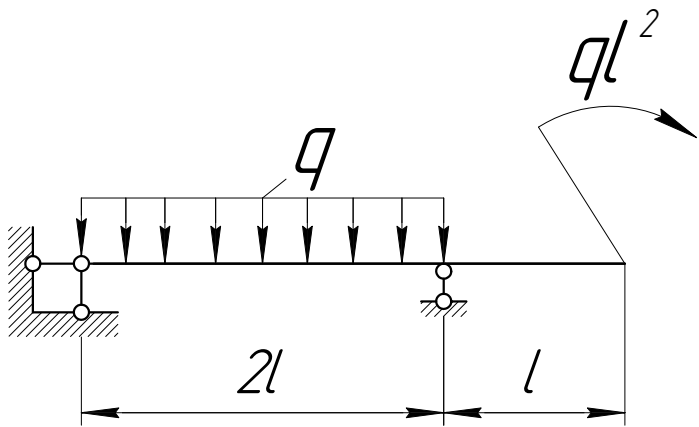
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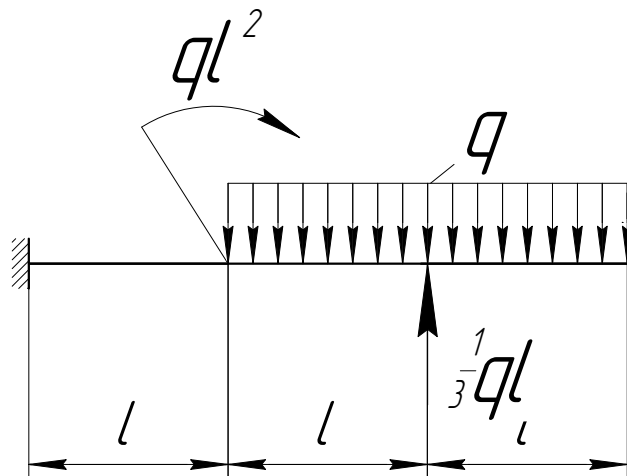
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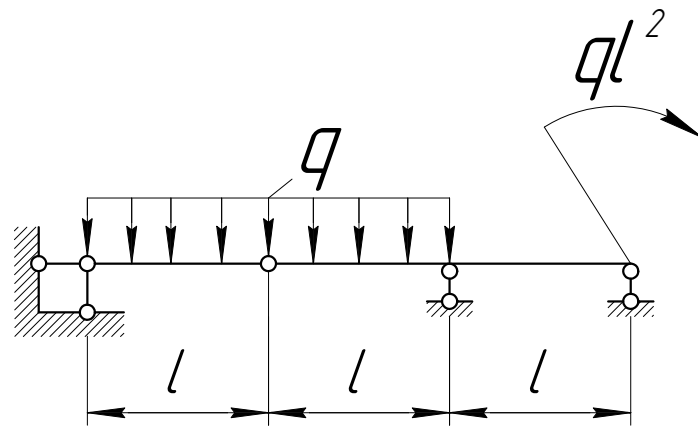


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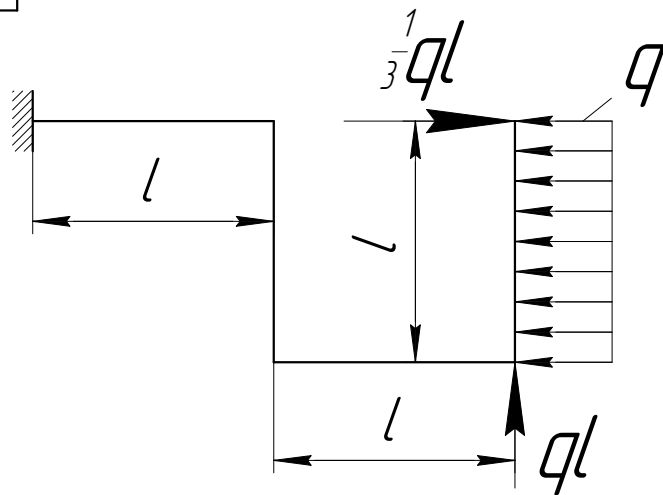


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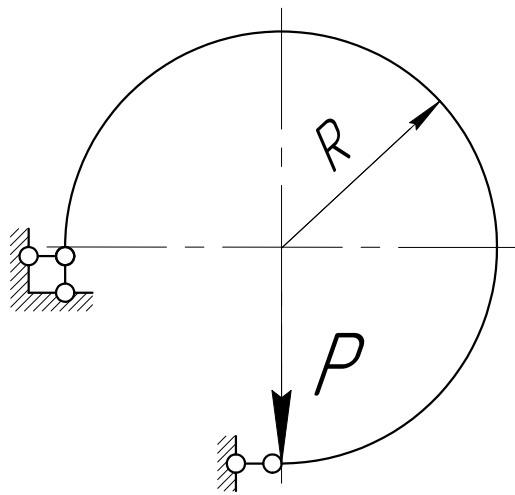
Bap. 23



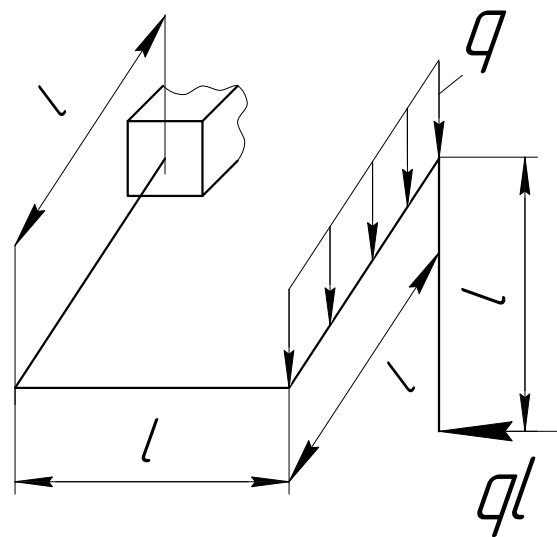
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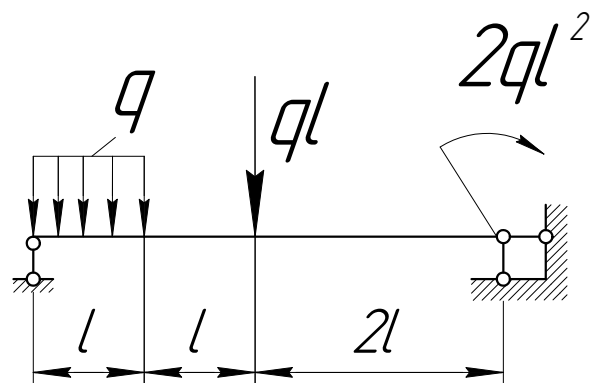
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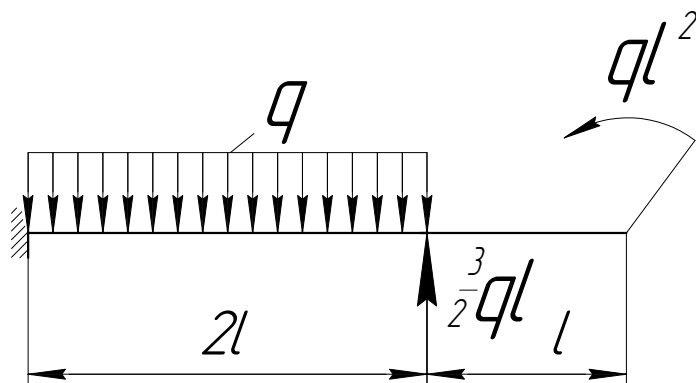
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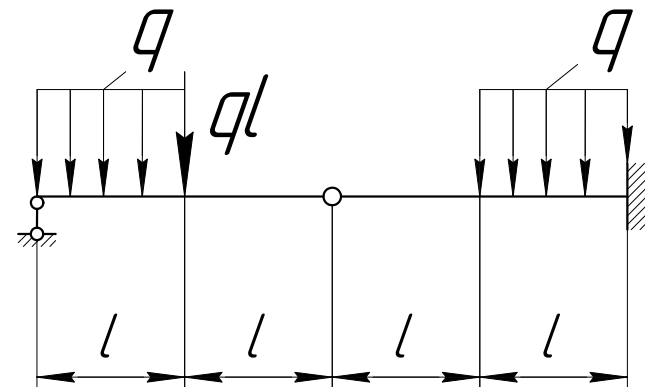


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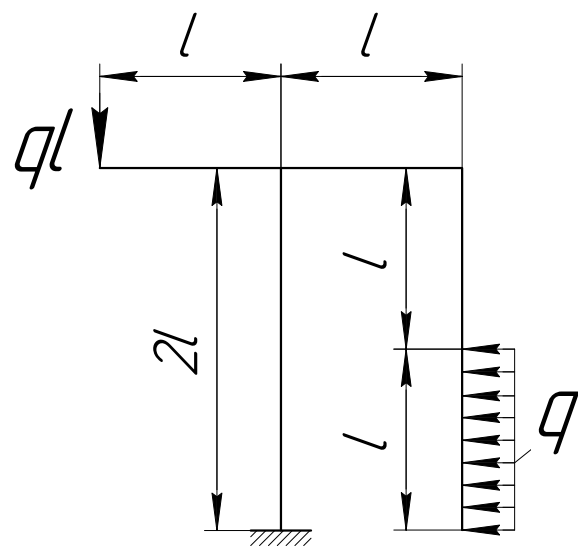


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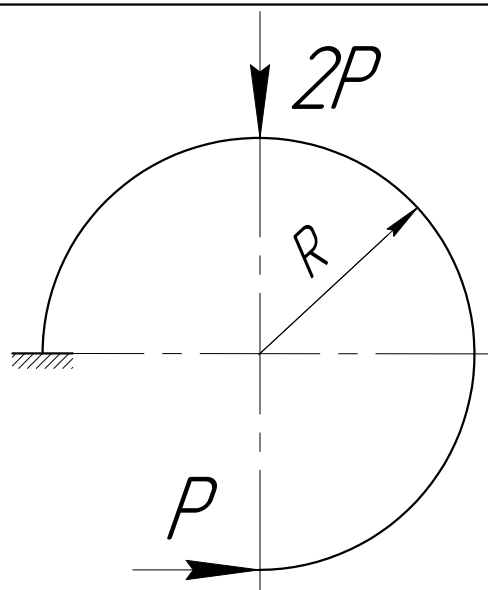
Bap. 24



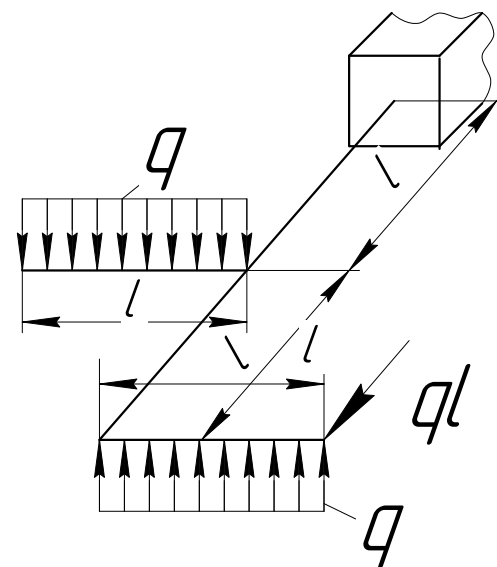
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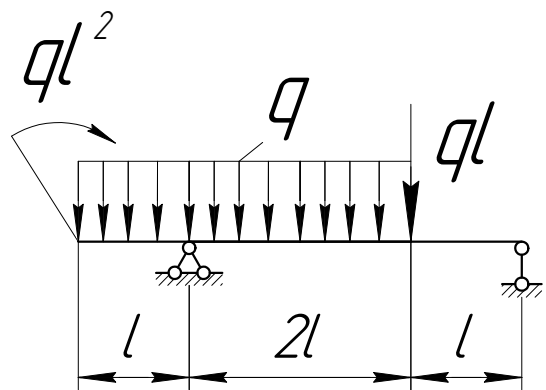
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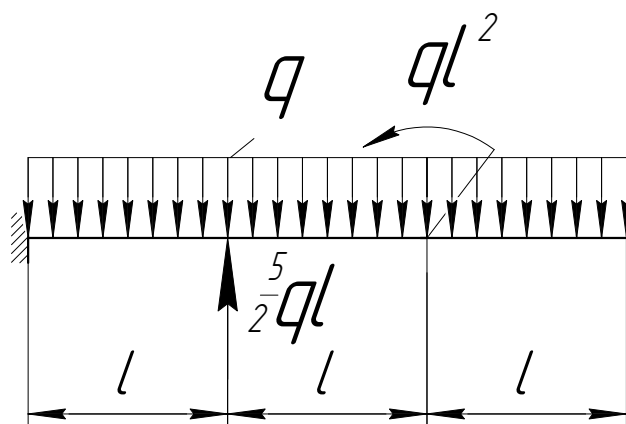
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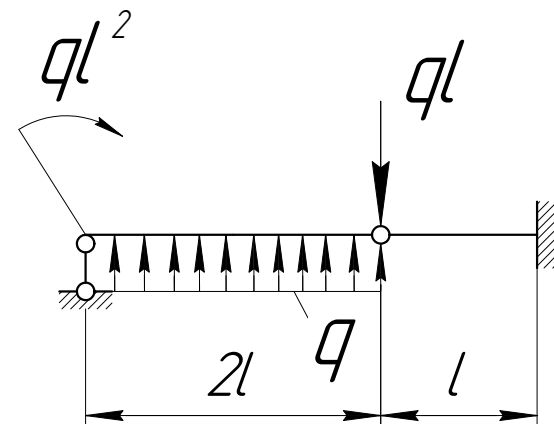


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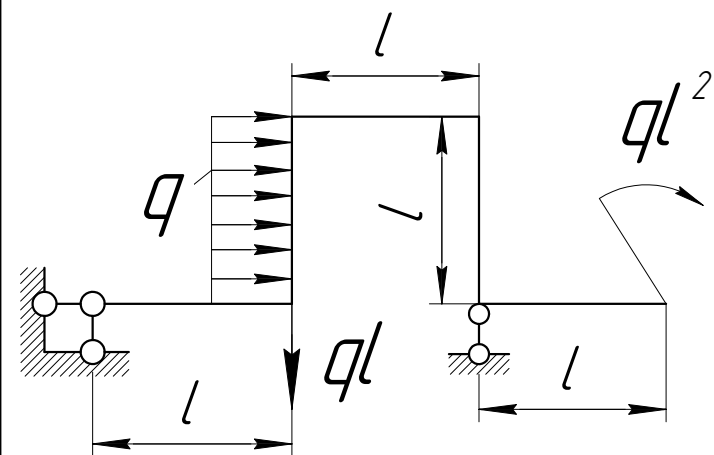


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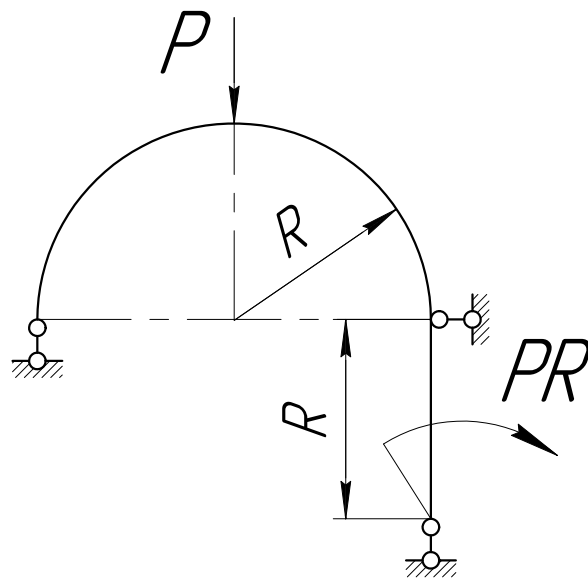
Bap. 25



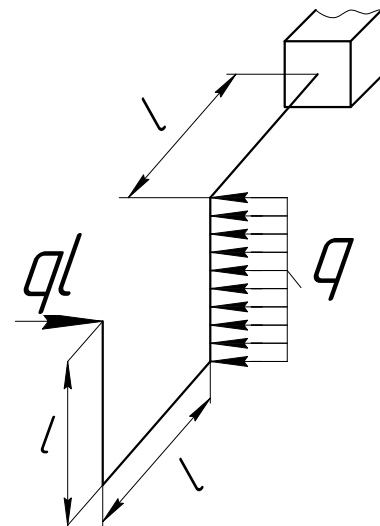
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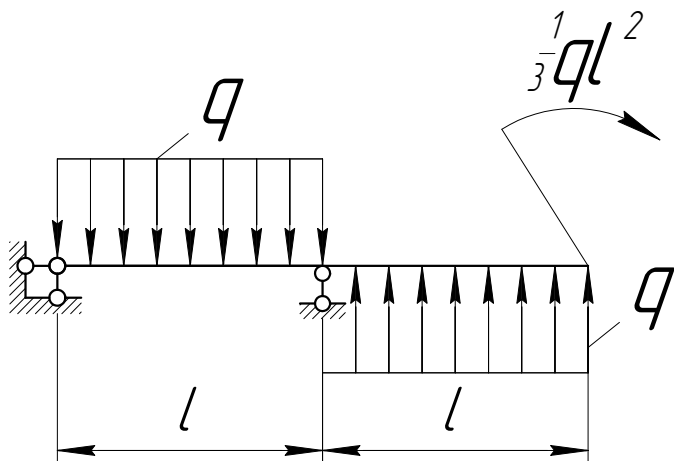
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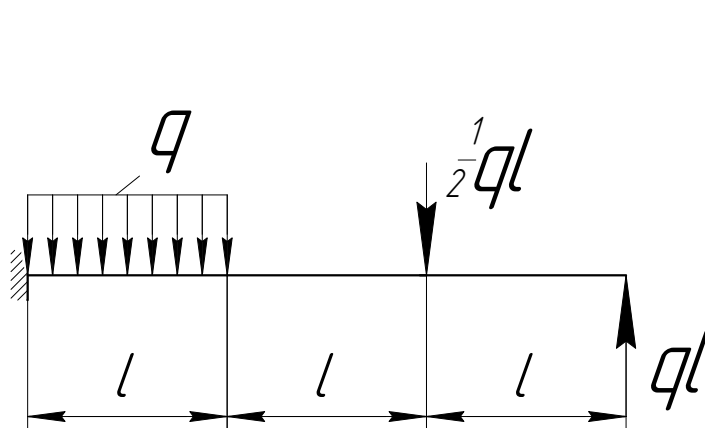
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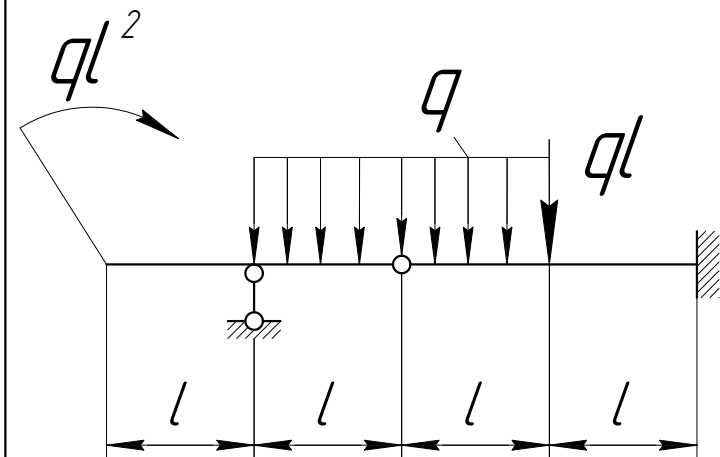
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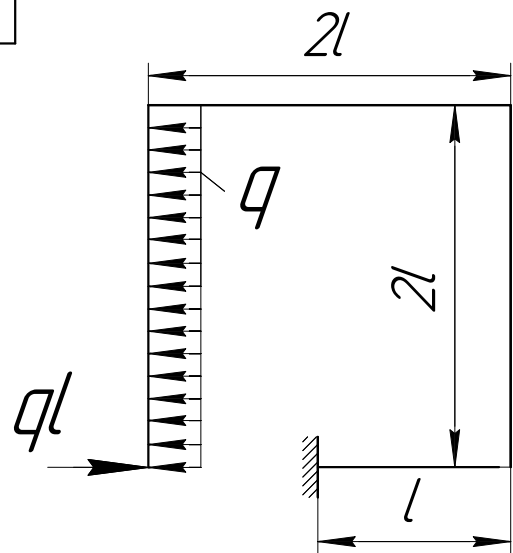
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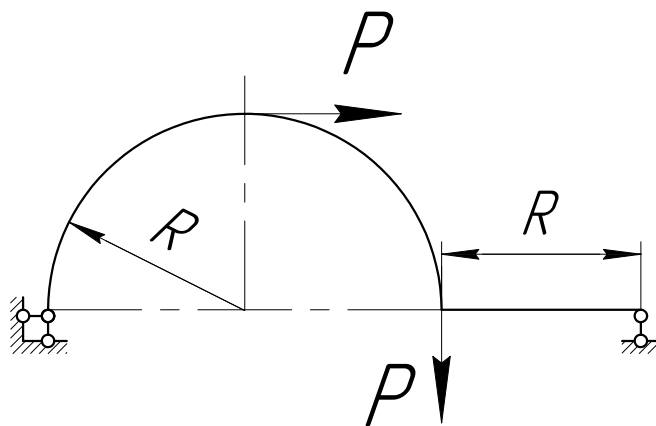
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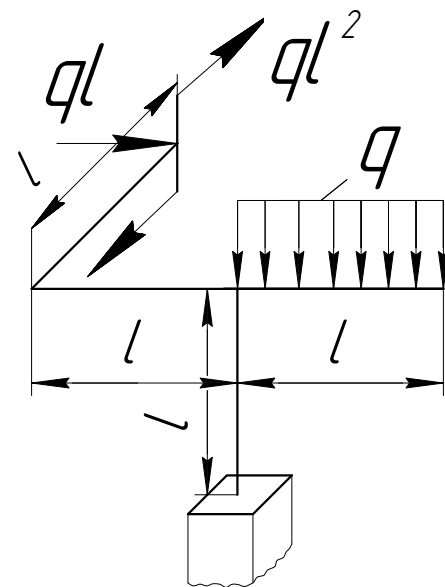
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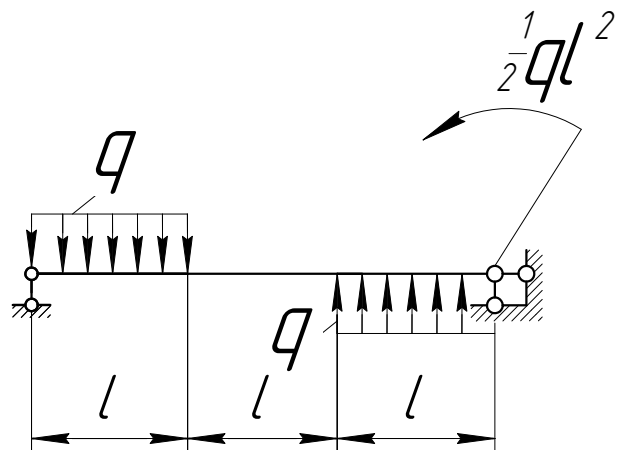
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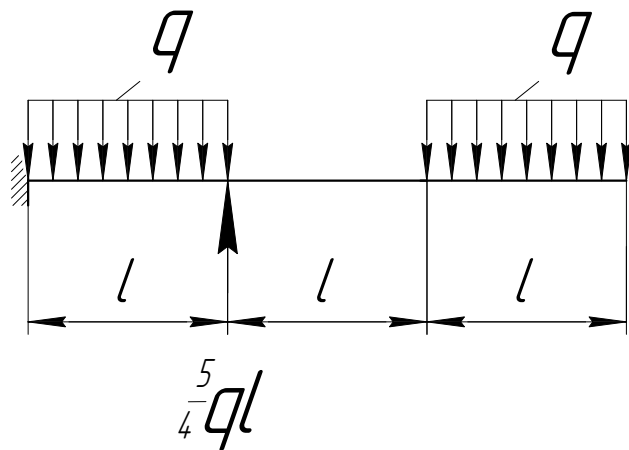
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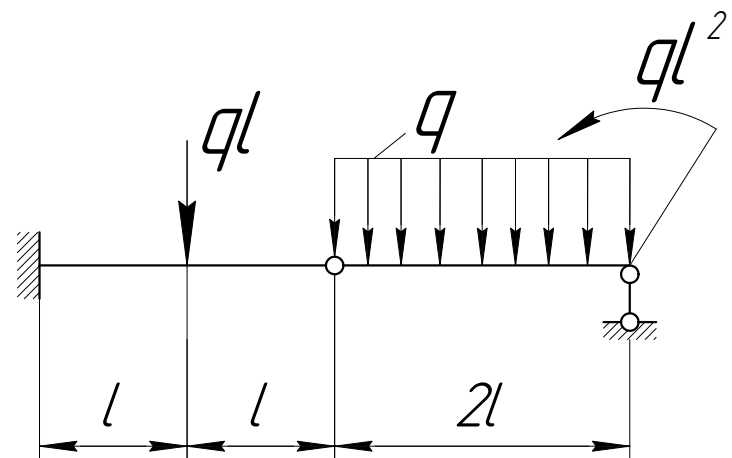


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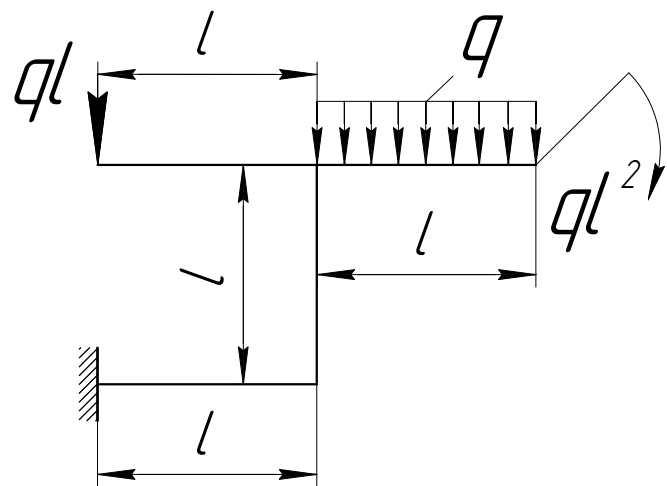


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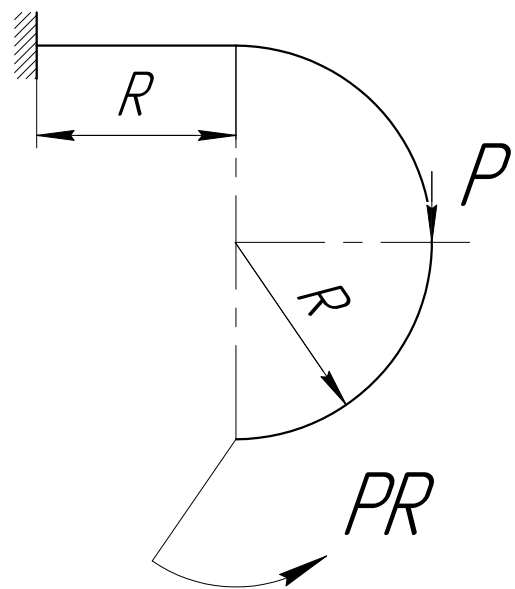
Bap. 27



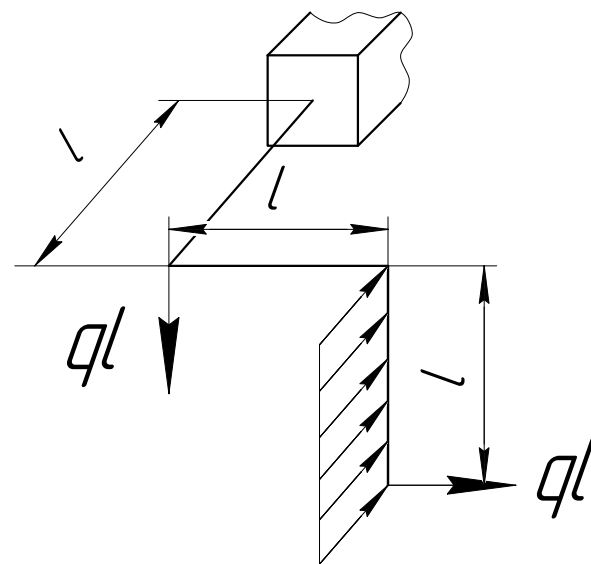
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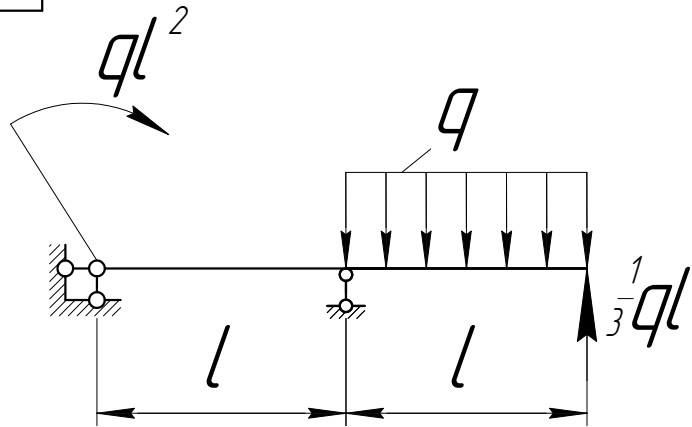
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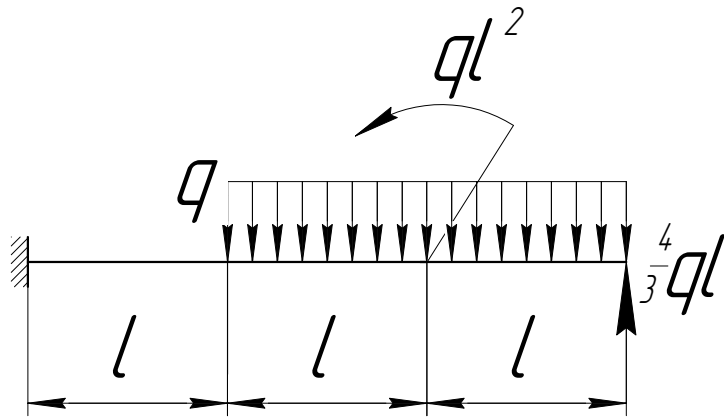
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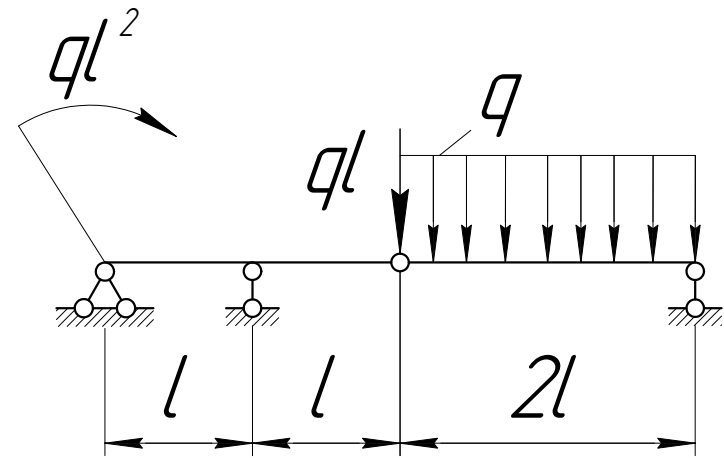
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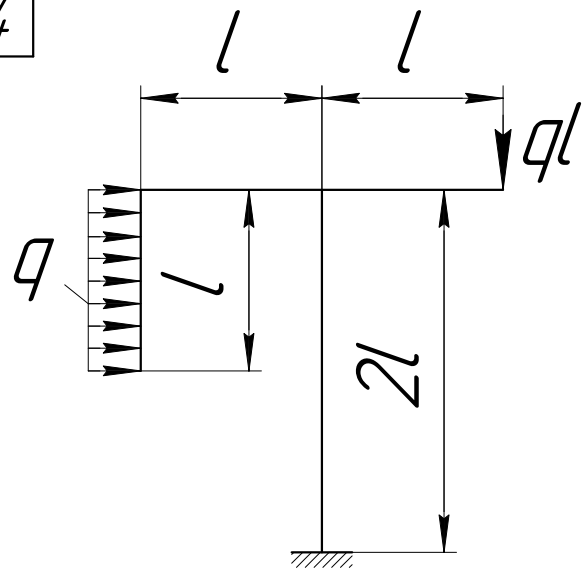
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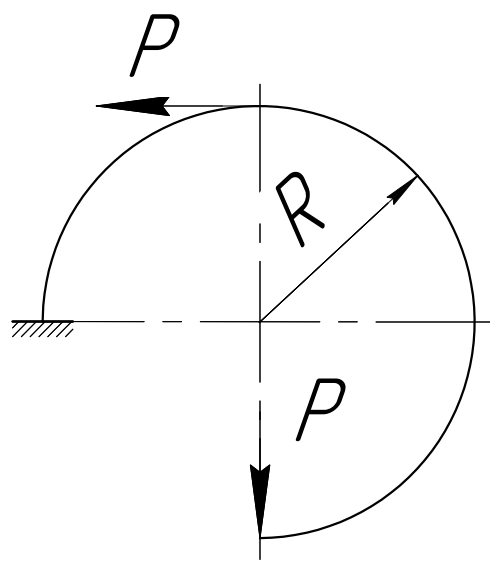
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