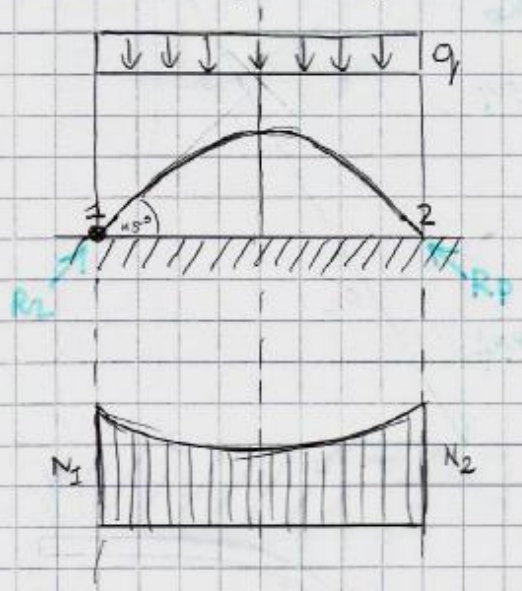
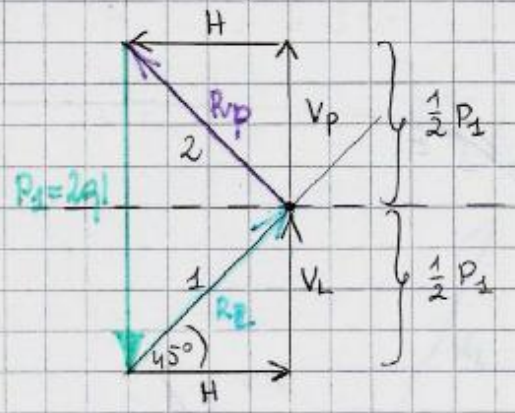
Zadanie 1

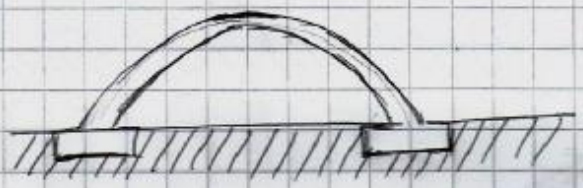
Łuk

Warunki: symetria, $\sphericalangle R_L = 45°$





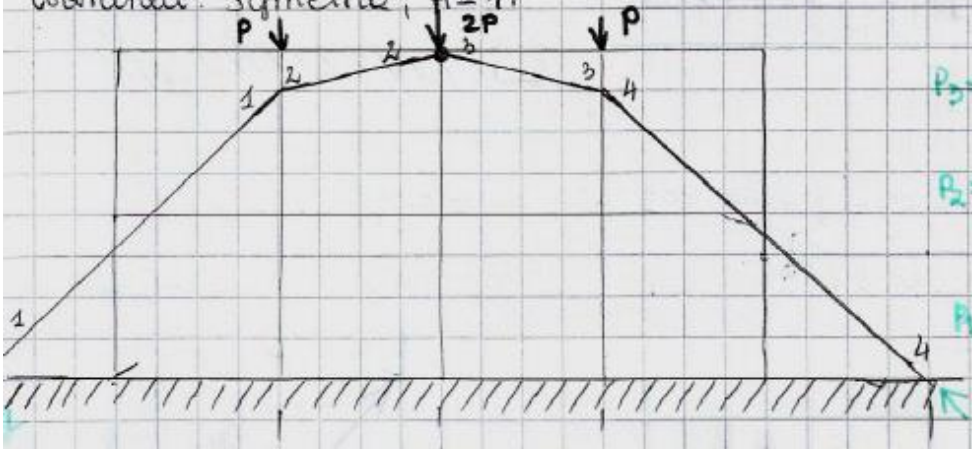
Konstrukcja lekka:

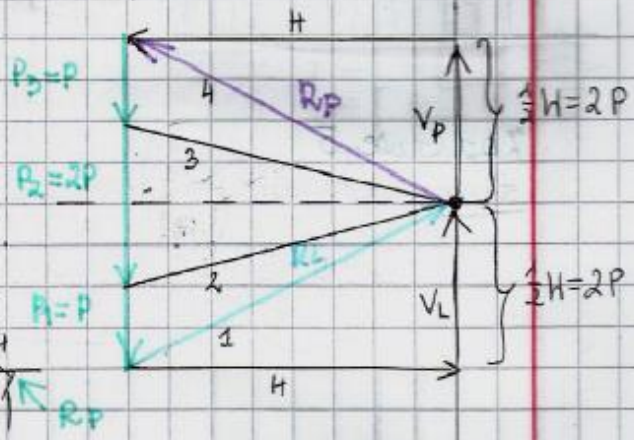


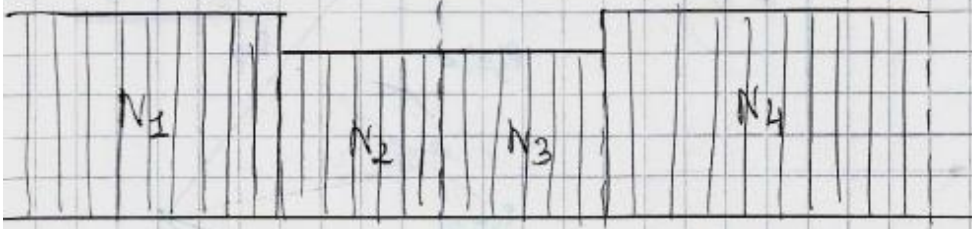
Zadanie 2

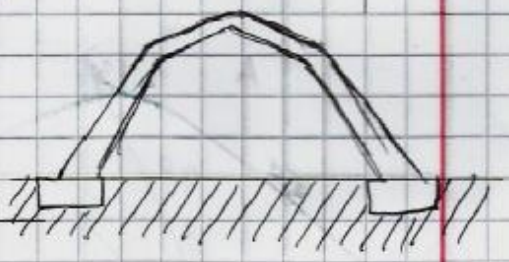
Łuk

Warunki: symetria, $H = 4P$



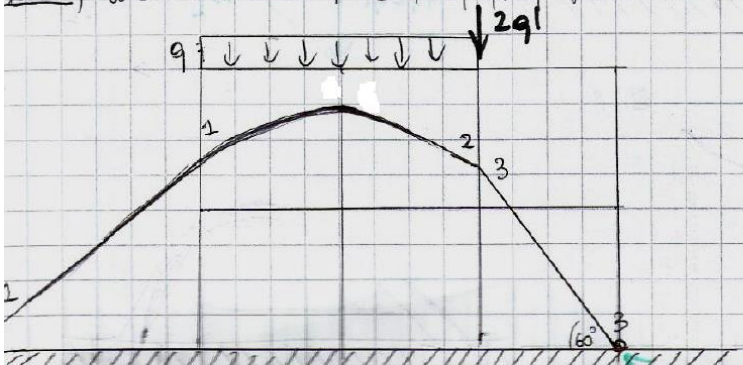


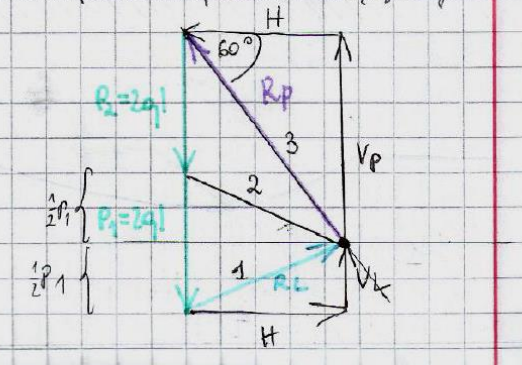


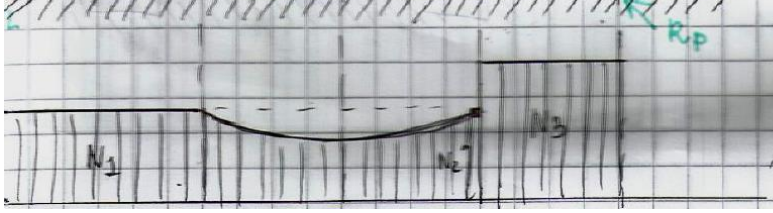


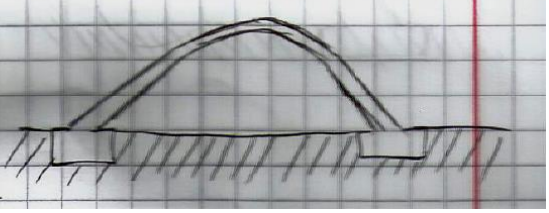
Zadanie 3

Łuk; warunki: $\sphericalangle R_P = 60°$, najwyższy punkt łuku w poł. obciążenia ciągłego

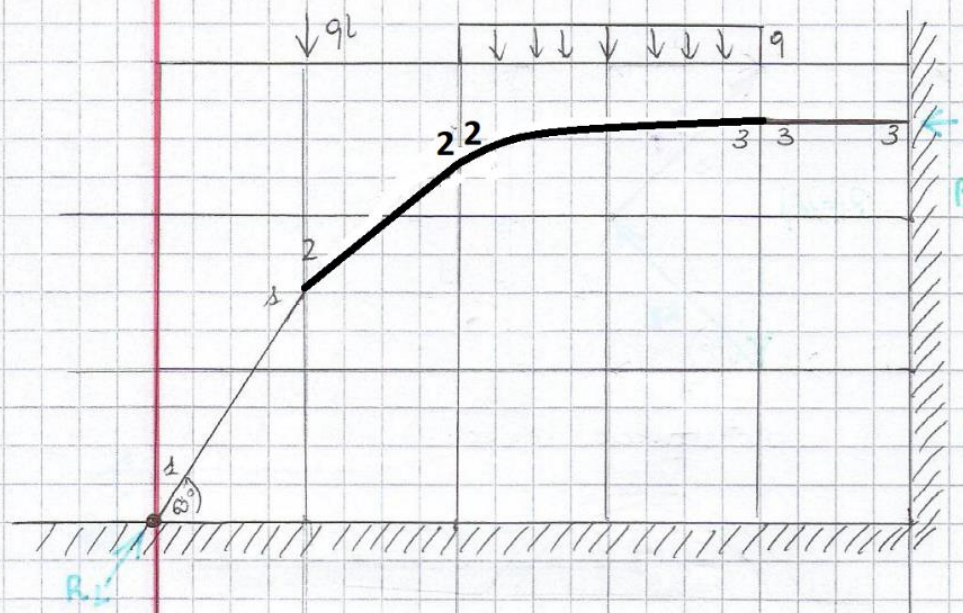


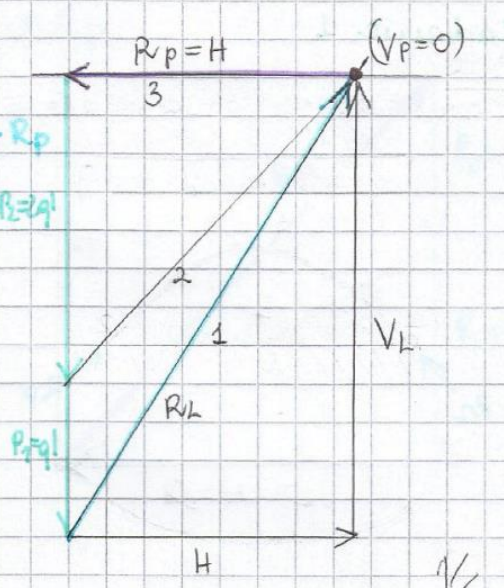


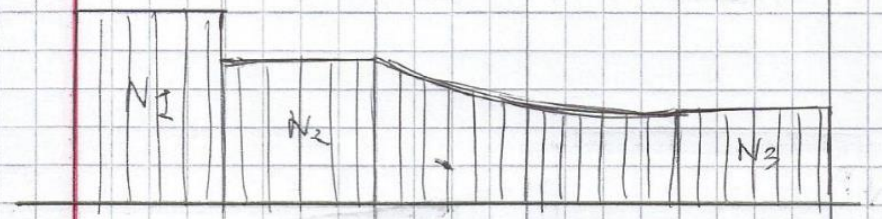


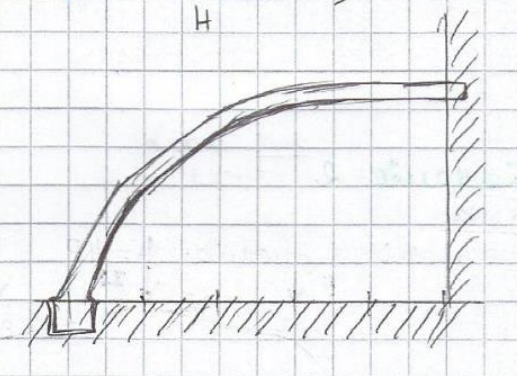


Łuk, warunki: $\sphericalangle R_L = 60°$, $\sphericalangle R_P = 0°$



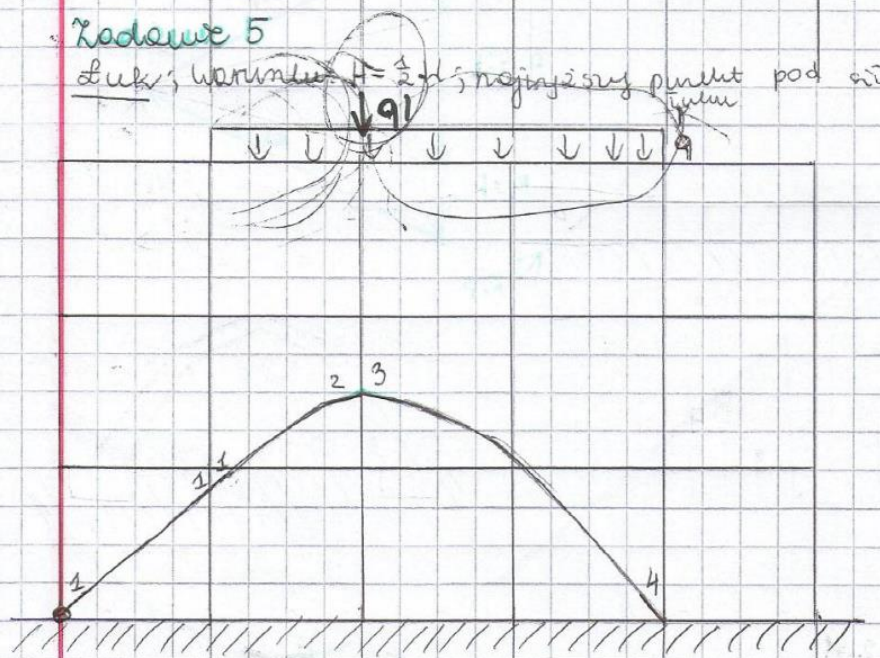


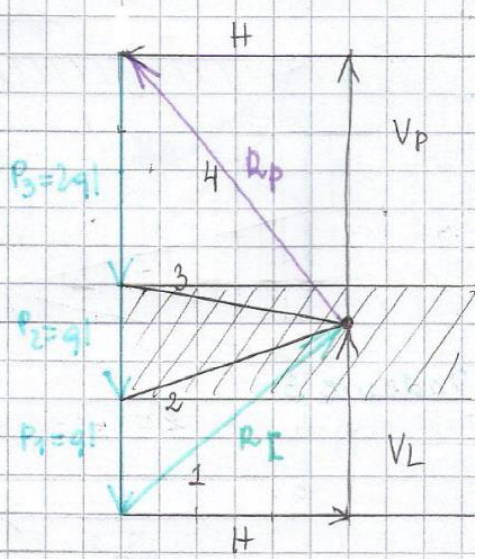


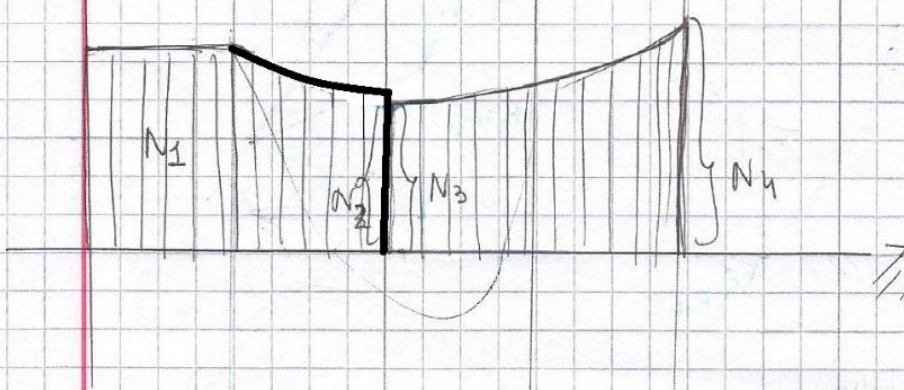


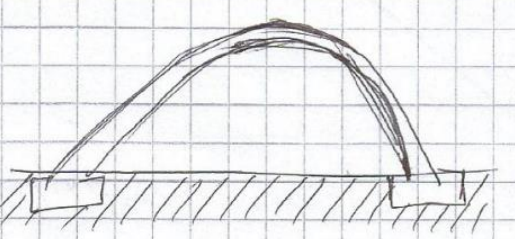
Zadanie 5

Łuk; warunki: $H = \frac{1}{2}ql$; najwyższy punkt pod siłą skupioną

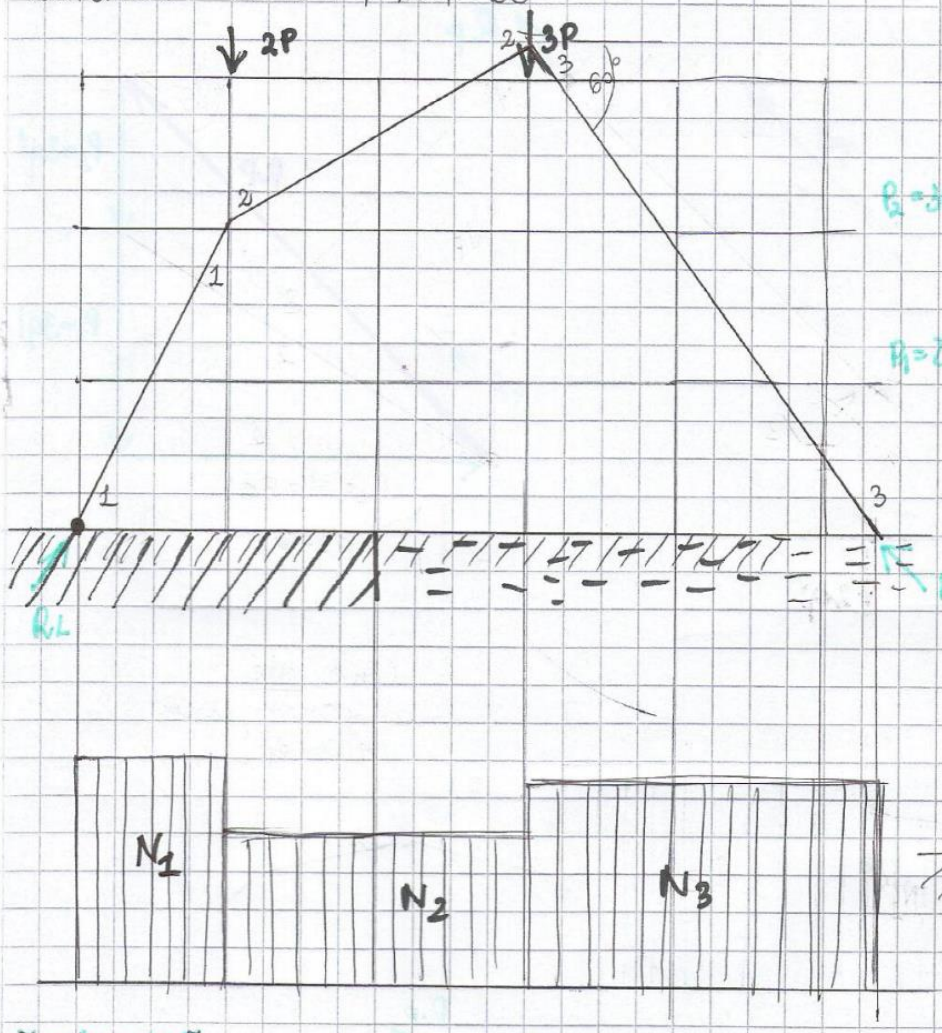


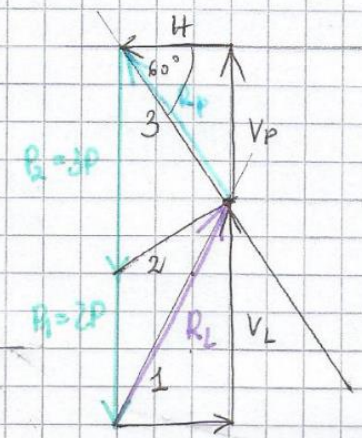


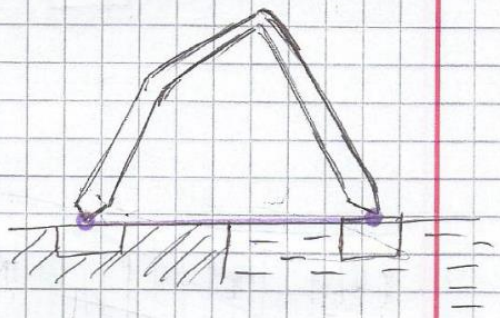




warunki: $V_L = 2H$, $\measuredangle R_p = 60°$

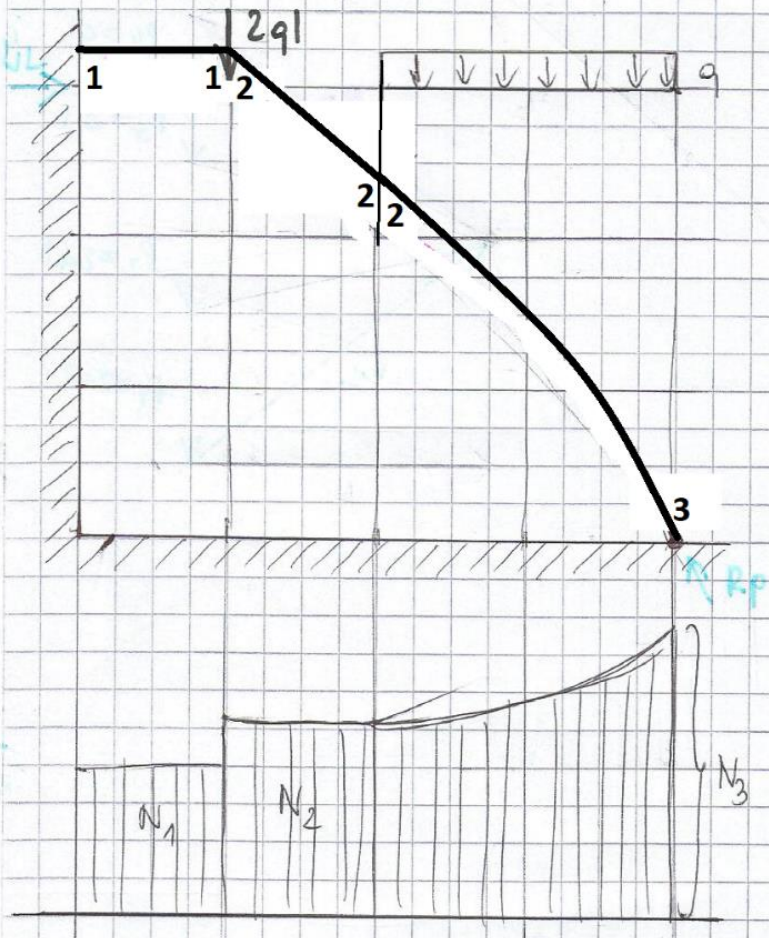


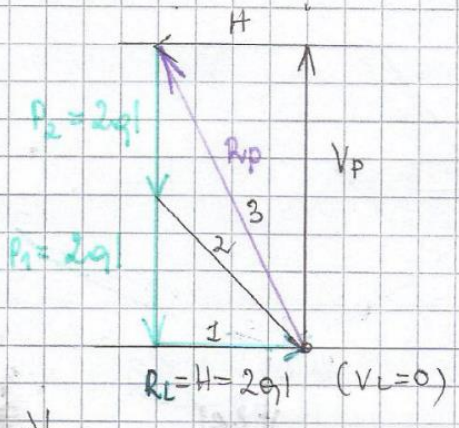


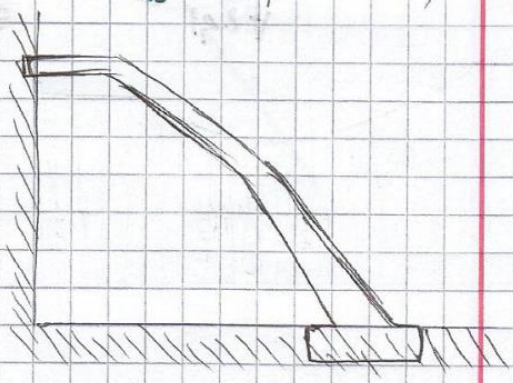


Zadanie 7

warunki: $V_L = 0$, $H = 2ql$

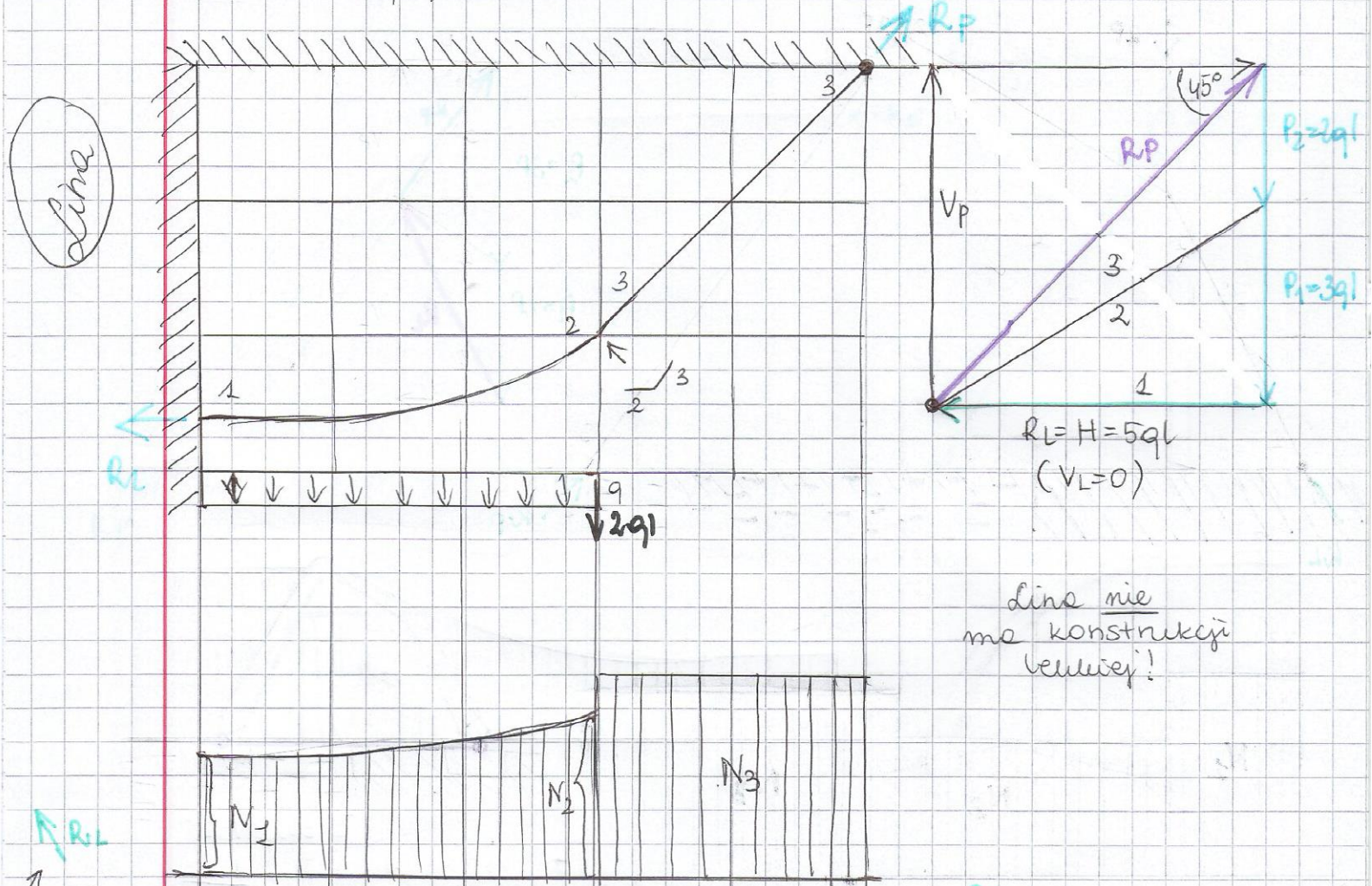




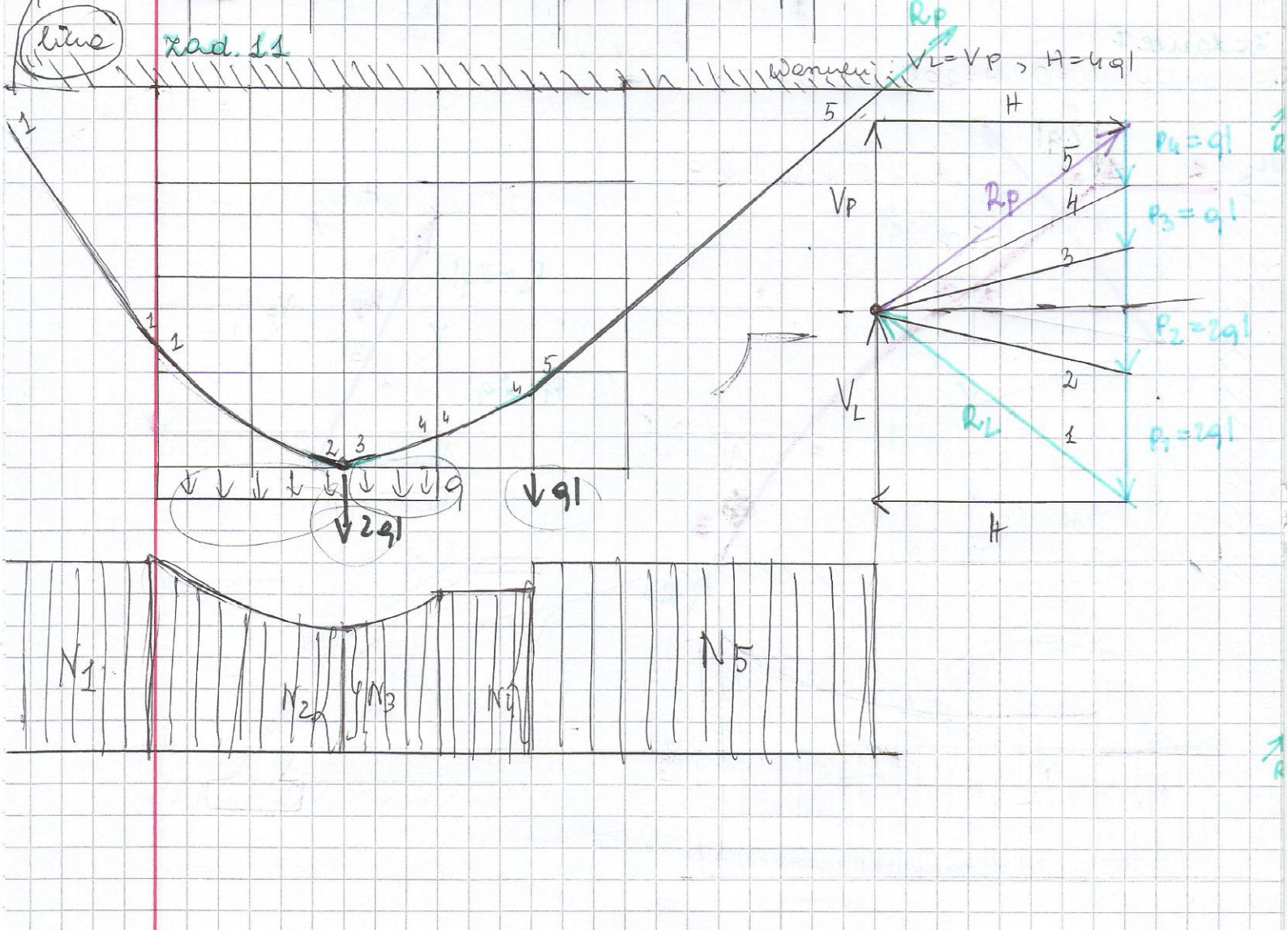


Zad. 10

Warunki: $H = 5ql$, $\measuredangle R_P = 45^\circ$

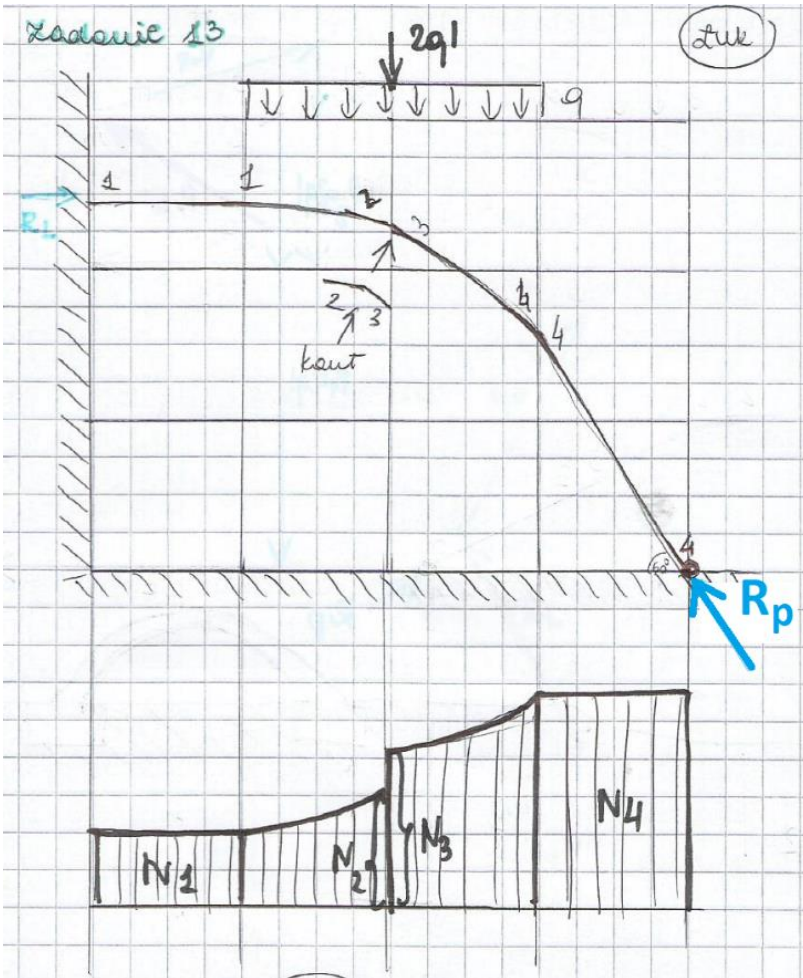


Lina nie ma konstrukcji lepszej!

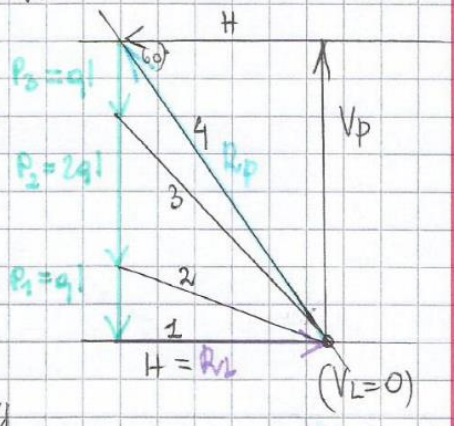


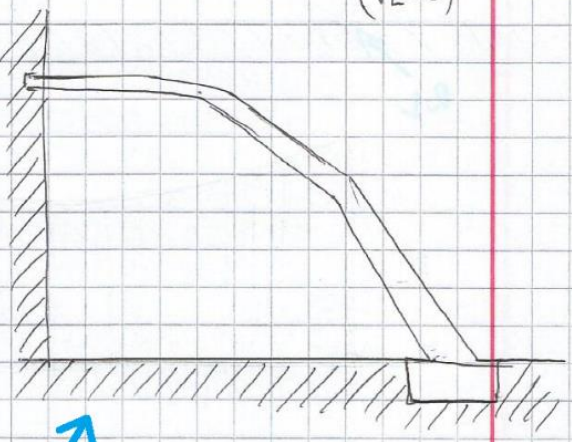
Zadanie 13

Łuk



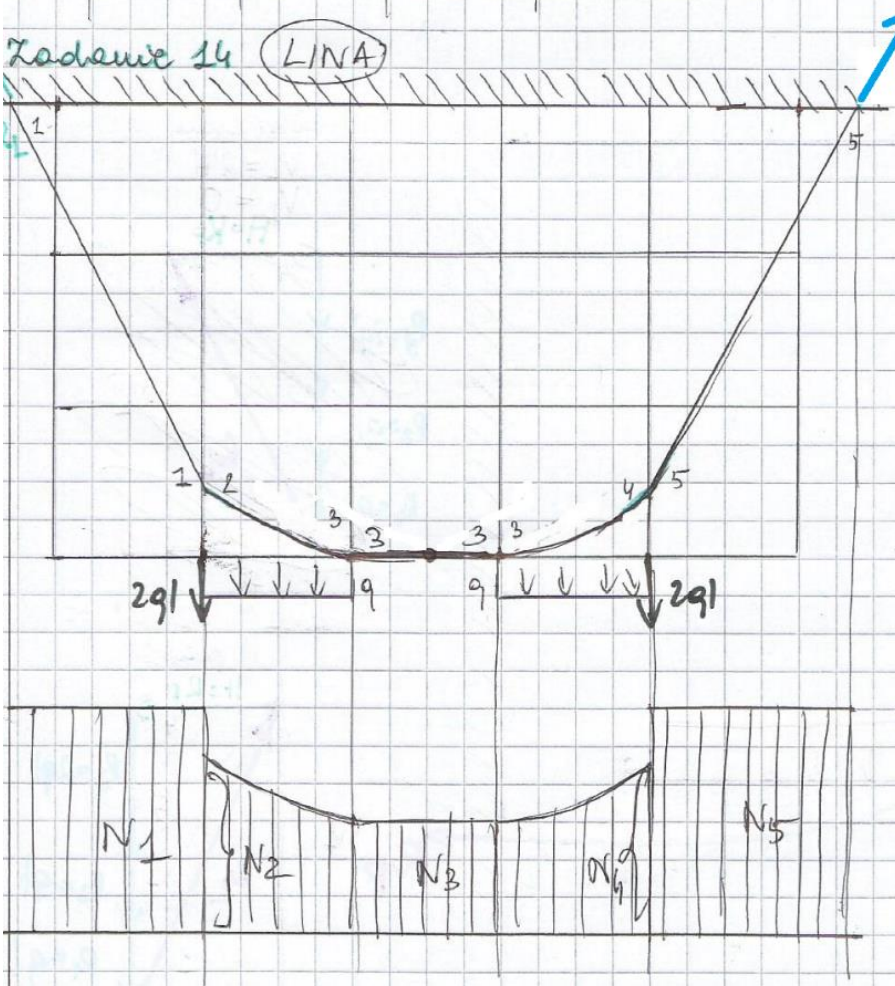
Warunki:
$\sphericalangle R_p = 60°$
$V_L = 0$



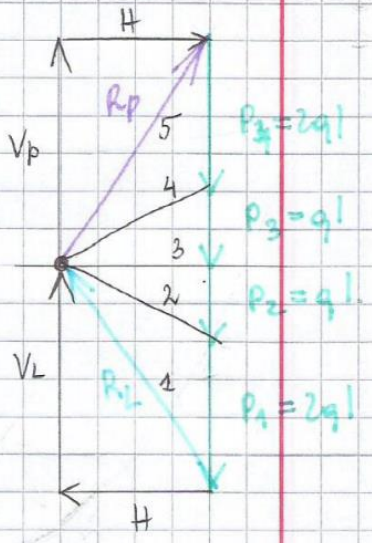


Zadanie 14

LINA

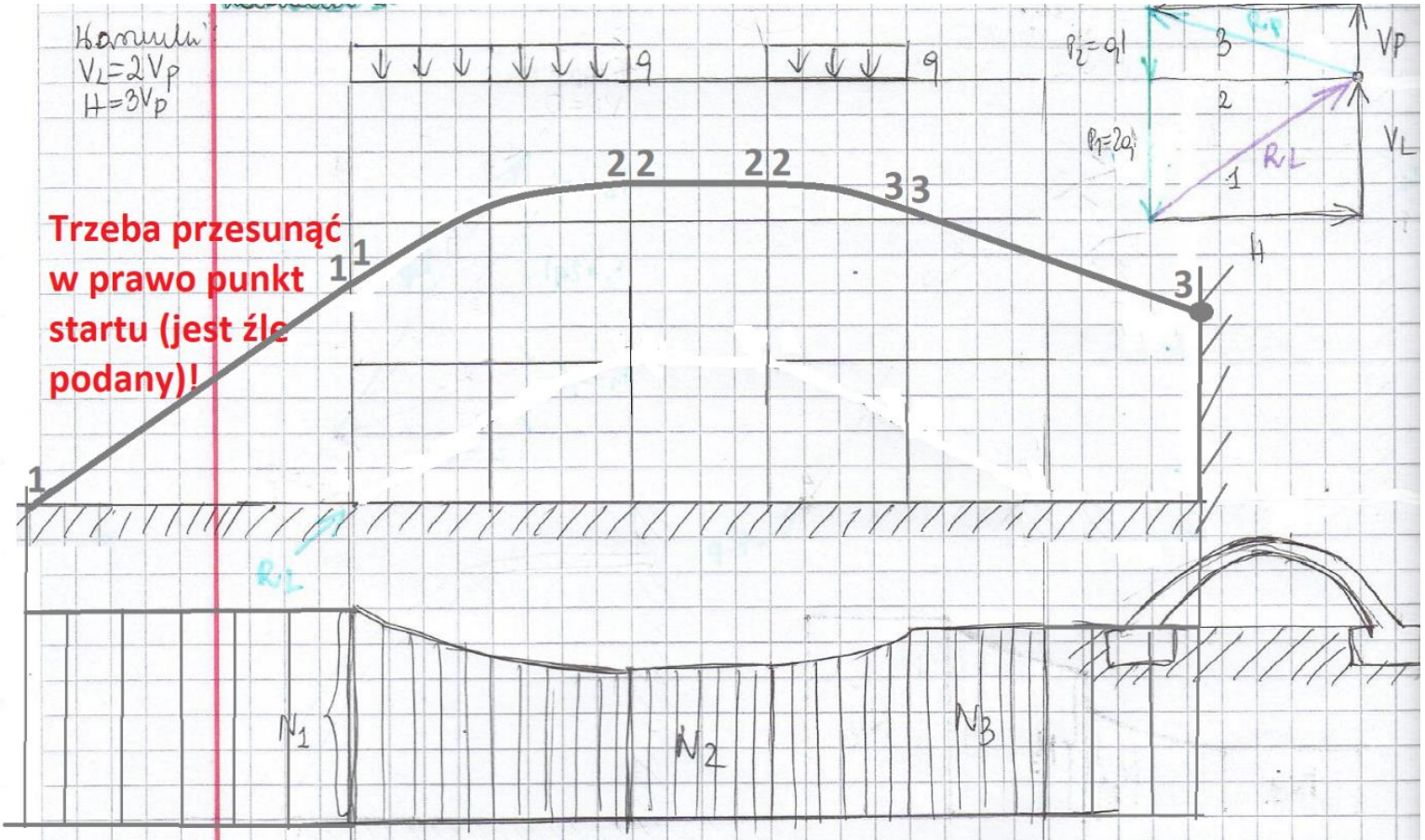


Warunki: symetria; $H = 2ql$



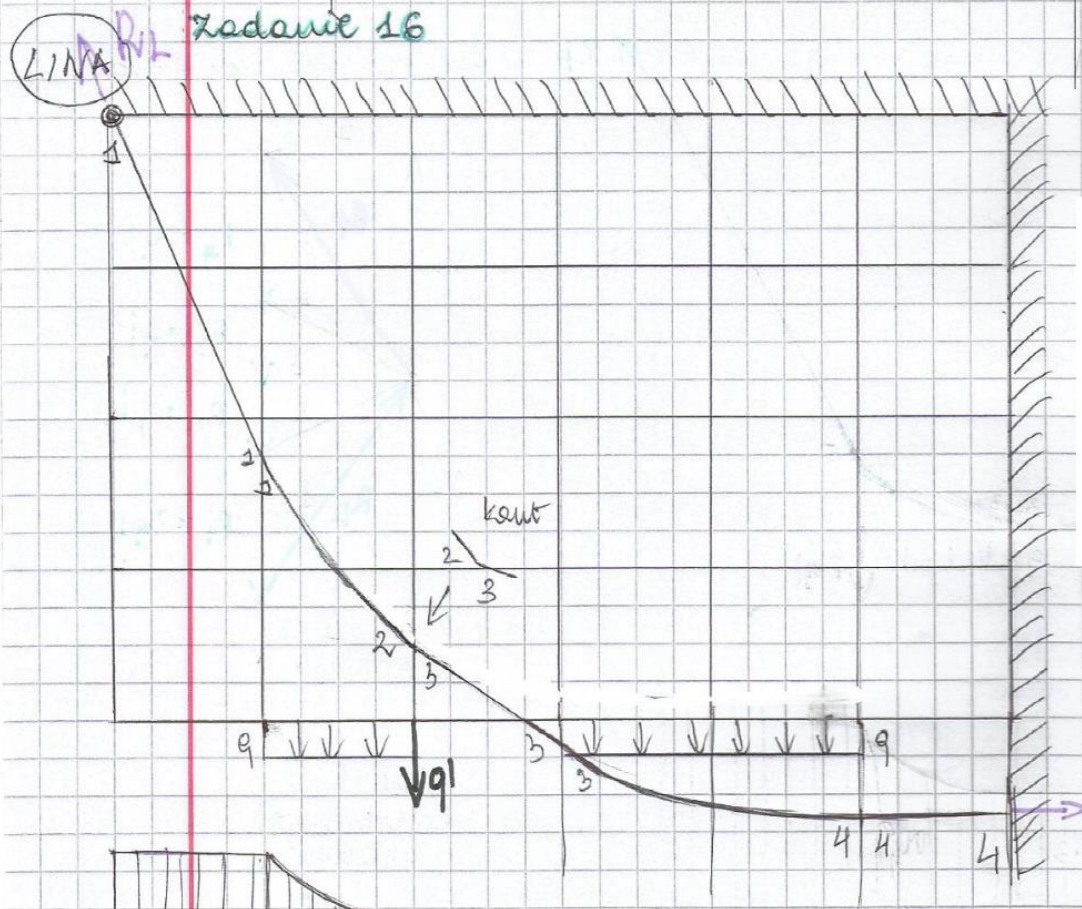
Brak konstrukcji lekkiej

Kontrola:
$V_L = 2V_P$
$H = 3V_P$

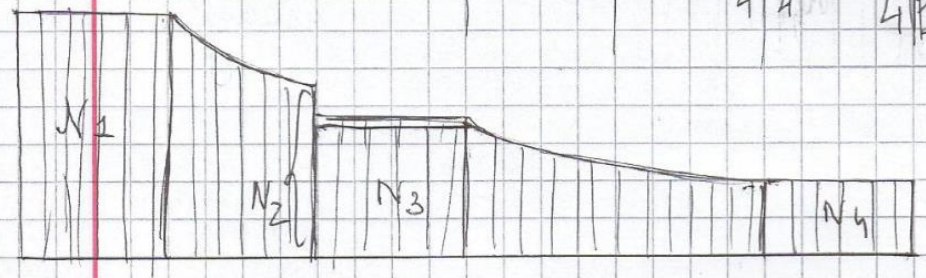


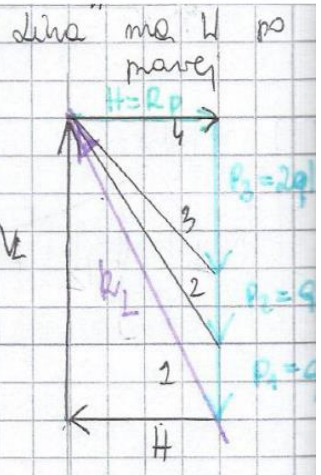
Trzeba przesunąć w prawo punkt startu (jest źle podany)!

Zadanie 16



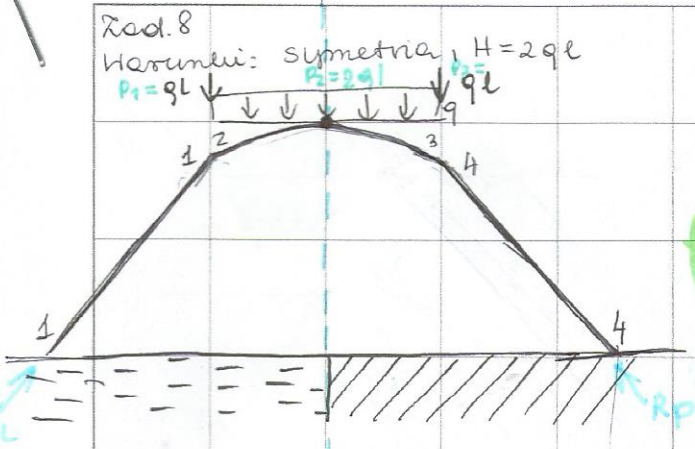
Kontrola:
$V_L = 2H$
$V_P = 0$

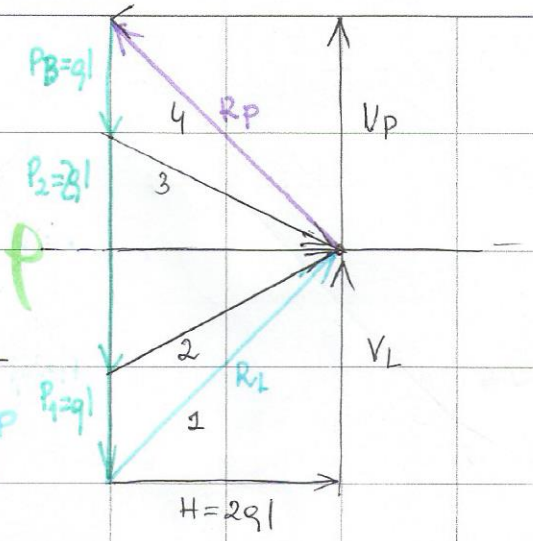


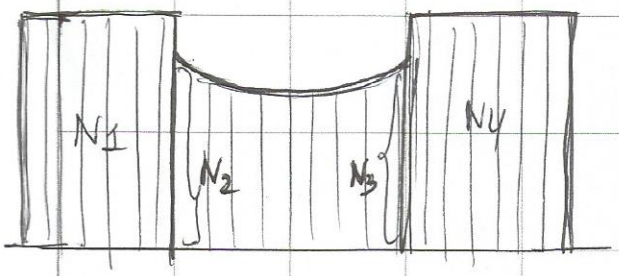


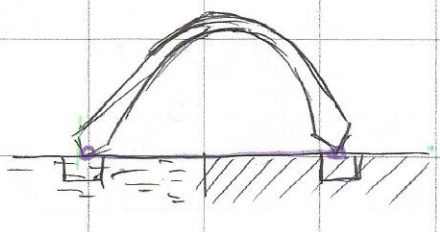
Zad. 8

Hartmut: symetria, $H = 2ql$





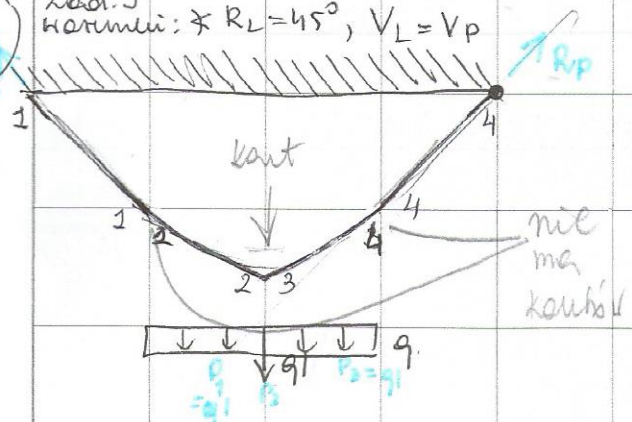


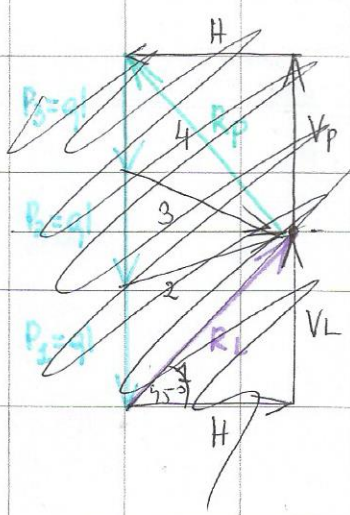


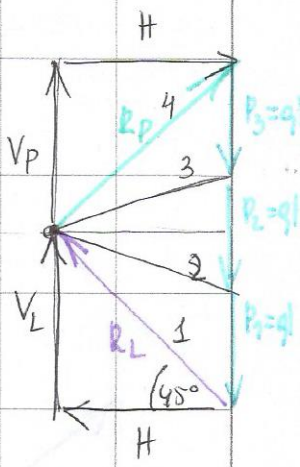
LINA!

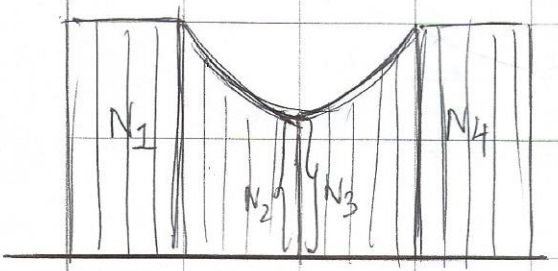
Zad. 9

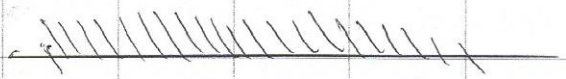
Hartmut: $\measuredangle R_L = 45°$, $V_L = V_P$









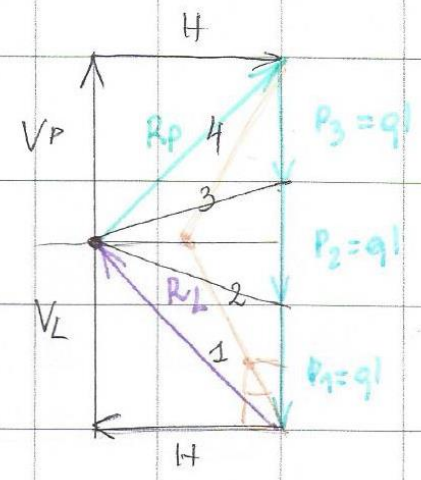


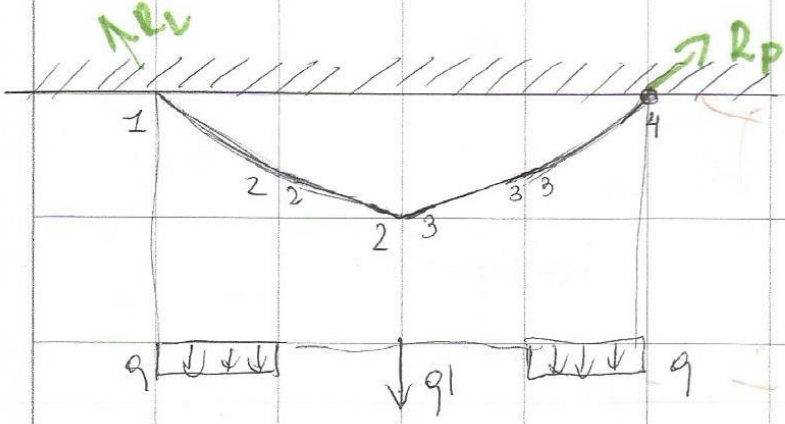
Konstrukcji lekkiej nie wyginamy dla lin!

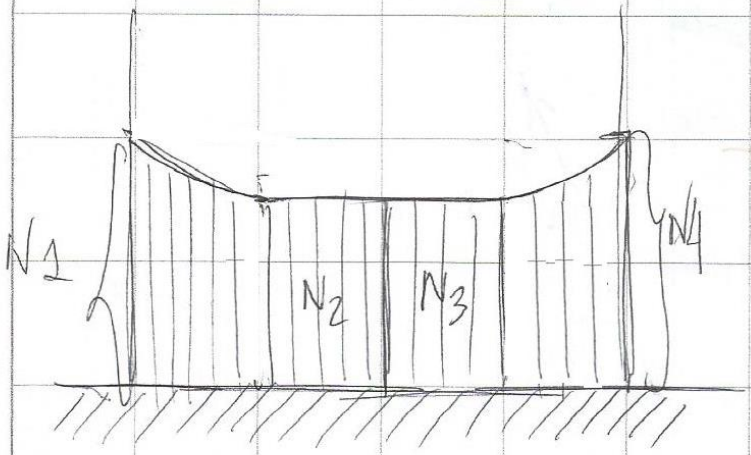
Zadanie 18

Hamulec: $V_L = V_P = 2H$

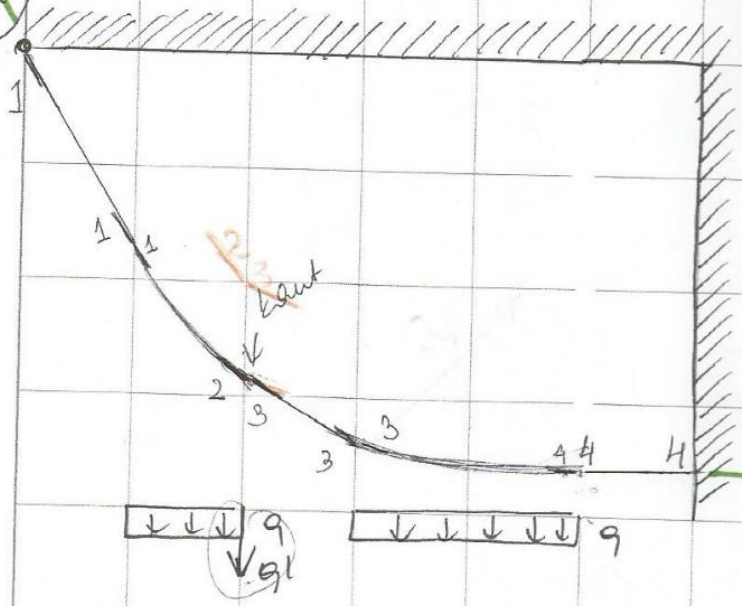
LINA!

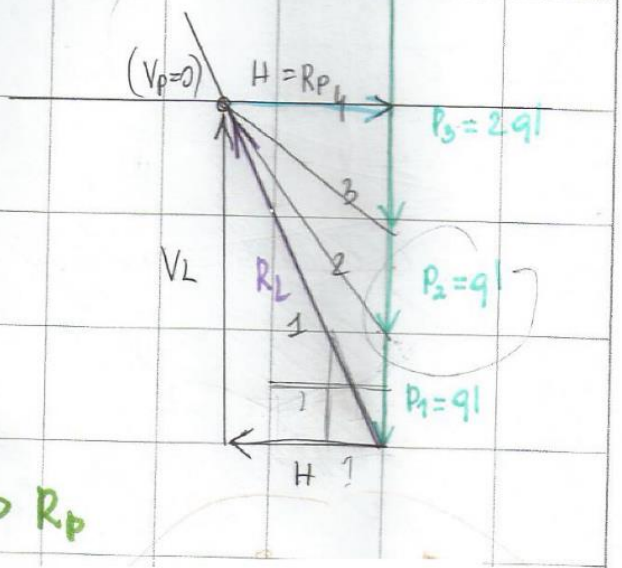


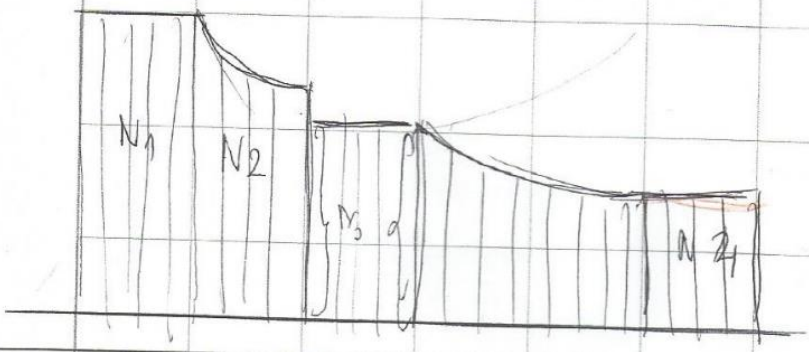




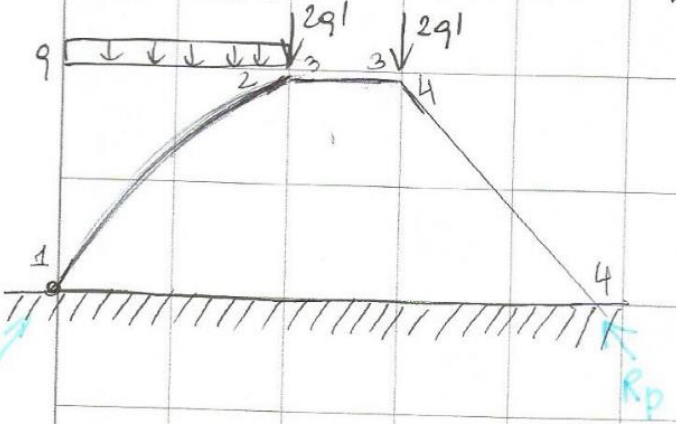
Kamuli: $V_L = 2H$, $V_P = 0$







Zadanie 17



Kamuli: $V_L = 3H$; $V_P = 2ql$