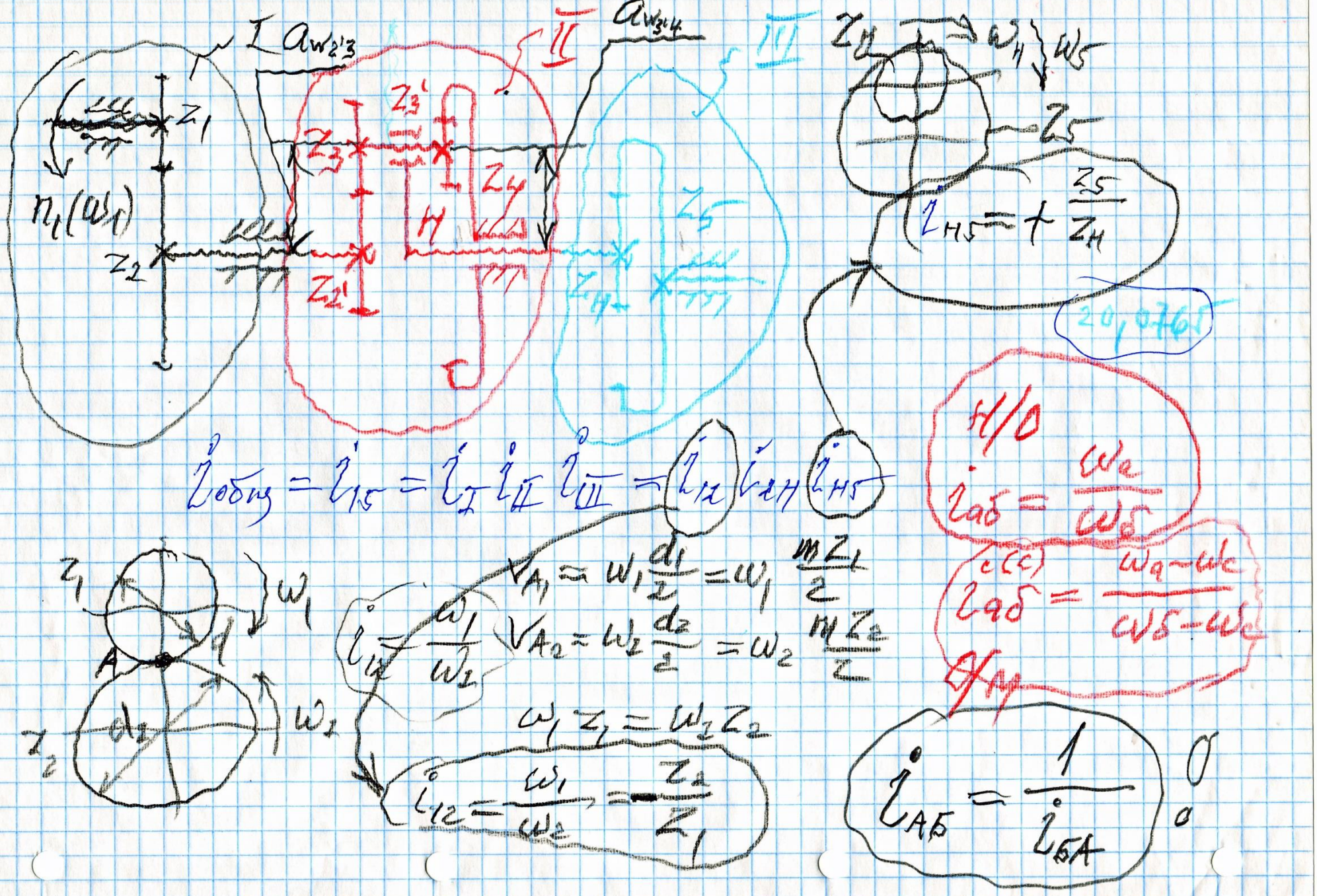
I
II
III
z_1
z_2
$n_1(\omega_1)$
z_3
z_3'
z_2'
z_4
z_5
z_H
ω_H
ω_5
$z_{H5} = \pm \frac{z_5}{z_H}$
20, 0765
$\dot{z}_{общ} = \dot{z}_{15} = \dot{z}_I \dot{z}_{II} \dot{z}_{III} = \dot{z}_{12} \dot{z}_{2H} \dot{z}_{H5}$
$\dot{z}_{12} = \frac{\omega_1}{\omega_2}$
$v_{A_1} = \omega_1 \frac{d_1}{2} = \omega_1 \frac{m z_1}{2}$
$v_{A_2} = \omega_2 \frac{d_2}{2} = \omega_2 \frac{m z_2}{2}$
$\omega_1 z_1 = \omega_2 z_2$
$\dot{z}_{12} = \frac{\omega_1}{\omega_2} = \frac{z_2}{z_1}$
A/0
$\dot{z}_{A5} = \frac{\omega_A}{\omega_5}$
c(c)
$\dot{z}_{A5} = \frac{\omega_A - \omega_c}{\omega_5 - \omega_c}$
$\dot{z}_{AB} = \frac{1}{\dot{z}_{BA}}$

Табл. угловых скоростей

звено / вид движ.	2	3	4	Н
I				
Н/О	ω_2	ω_3	—	ω_H
отн	$\omega_2 - \omega_H$	$\omega_3 - \omega_H$	$-\omega_H$	—

Найти: i_{2H}

$$i_{24}^{*(H)} = \frac{\omega_2 - \omega_H}{-\omega_H} = -i_{2H}^* + 1$$

$$i_{2H}^* = 1 - i_{24}^{*(H)}$$

$$i_{24}^{*(H)} = i_{23}^{*(H)} \cdot i_{34}^{*(H)} = -\frac{z_3}{z_2'} \cdot \frac{z_4}{z_3'}$$

$$\boxed{i_{2H}^* = 1 + \frac{z_3 z_4}{z_2' z_3'}}$$

II — 4 варианта

$$i_{34}^{*(H)} = \frac{\omega_3 - \omega_H}{-\omega_H} = \frac{i_{32}^*}{-1/i_{24}^*} + 1$$

$$i_{34}^{*(H)} = \frac{z_4}{z_3'}$$

Найти: ω_3

$$\frac{\omega_3/\omega_2 - \omega_H/\omega_2}{-\omega_H/\omega_2} = \frac{i_{32}^*}{-i_{H2}^*} + 1 =$$

$\rightarrow \omega_3$

Условие соосн. план. пер

$$a_{w_{2'3}} = a_{w_{3'4}}$$

$$a_{w_{2'3}} = \frac{m(z_{2'} + z_3)}{2}$$

$$a_{w_{3'4}} = \frac{m(z_4 - z_{3'})}{2}$$

$$z_{2'} + z_3 = z_4 - z_{3'}$$