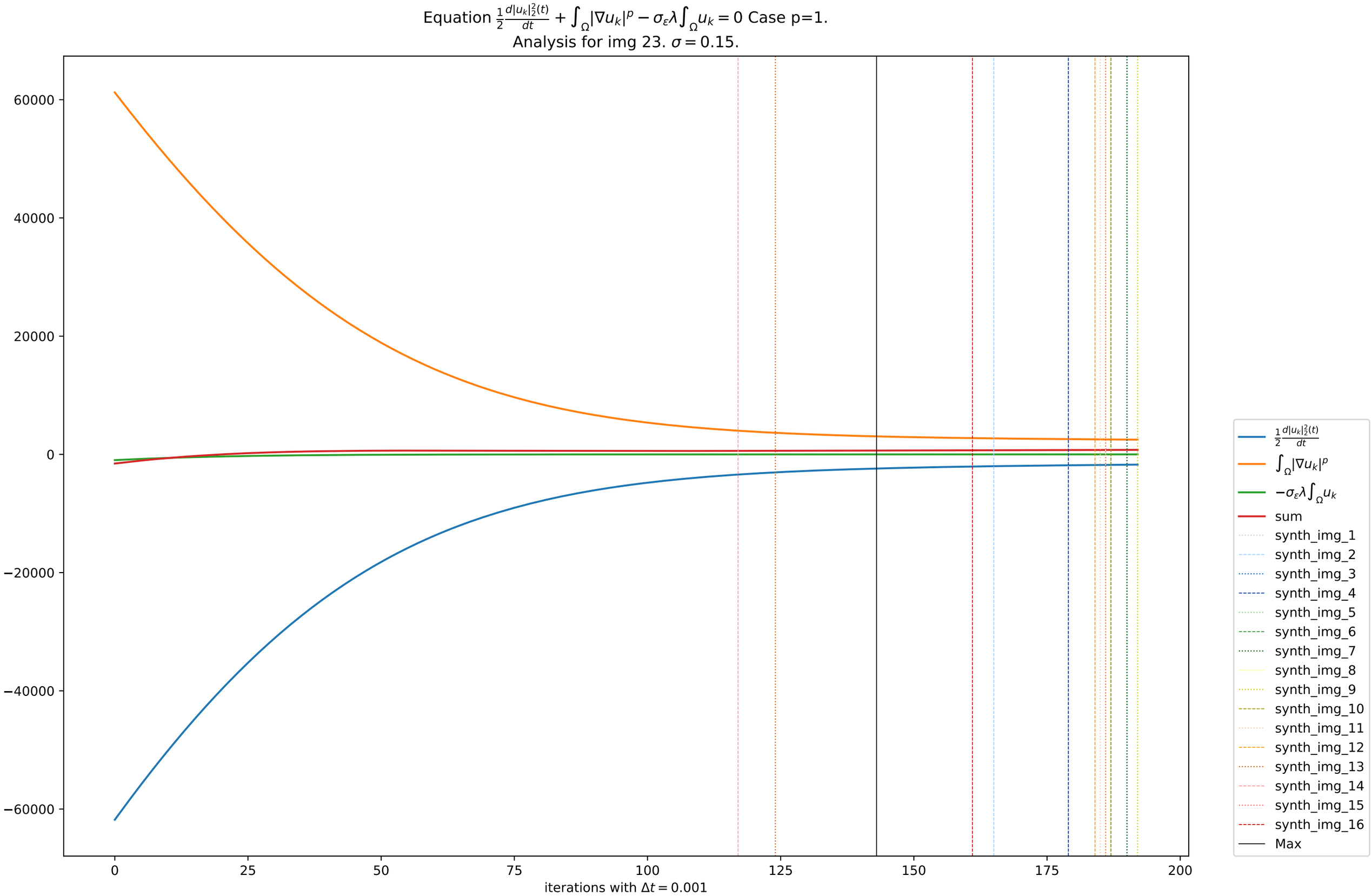
Equation $\frac{1}{2}\frac{d|u_k|_2^2(t)}{dt} + \int_\Omega |\nabla u_k|^p - \sigma_\varepsilon \lambda \int_\Omega u_k = 0$ Case p=1.
Analysis for img 23. $\sigma = 0.15$.
60000
40000
20000
0
−20000
−40000
−60000
0
25
50
75
100
125
150
175
200
iterations with $\Delta t = 0.001$
$\frac{1}{2}\frac{d|u_k|_2^2(t)}{dt}$
$\int_\Omega |\nabla u_k|^p$
$-\sigma_\varepsilon \lambda \int_\Omega u_k$
sum
synth_img_1
synth_img_2
synth_img_3
synth_img_4
synth_img_5
synth_img_6
synth_img_7
synth_img_8
synth_img_9
synth_img_10
synth_img_11
synth_img_12
synth_img_13
synth_img_14
synth_img_15
synth_img_16
Max