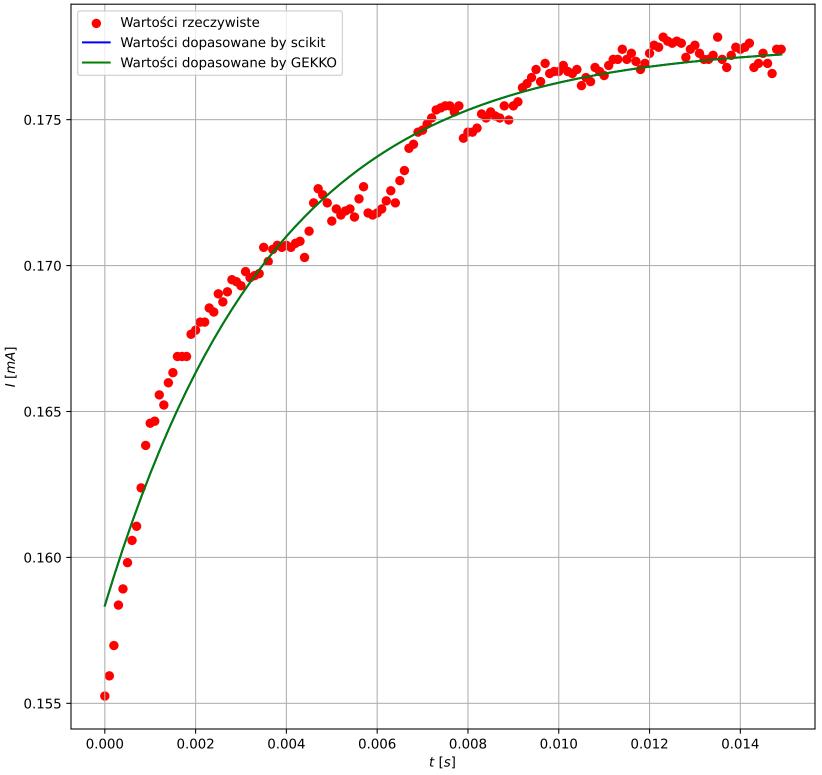
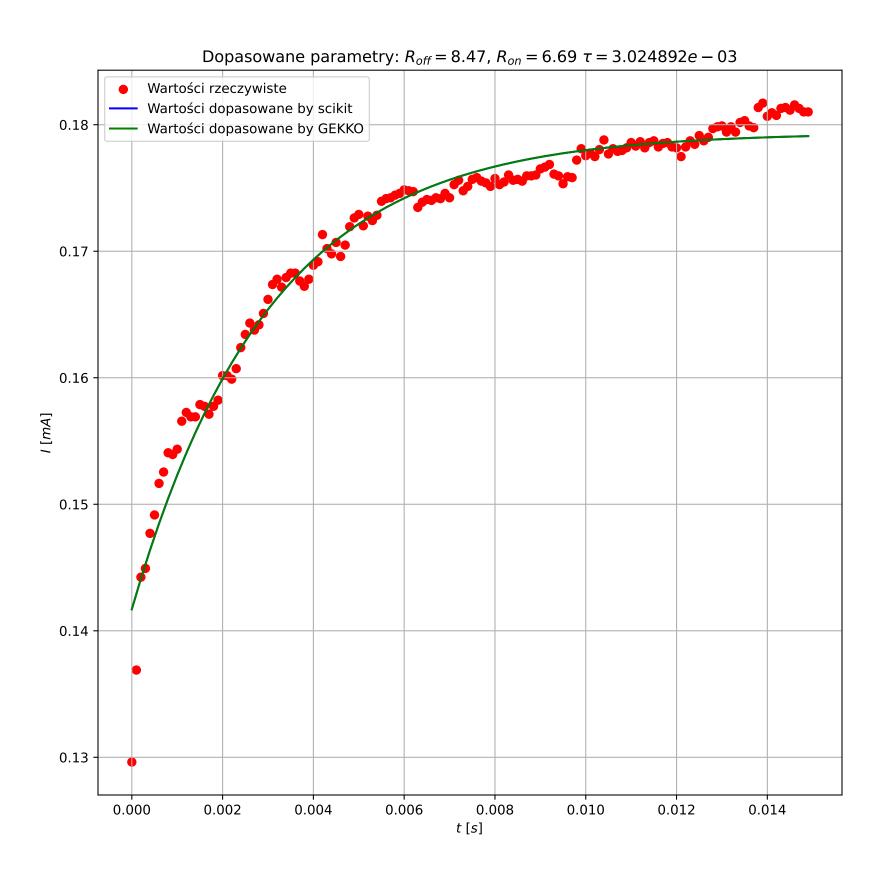
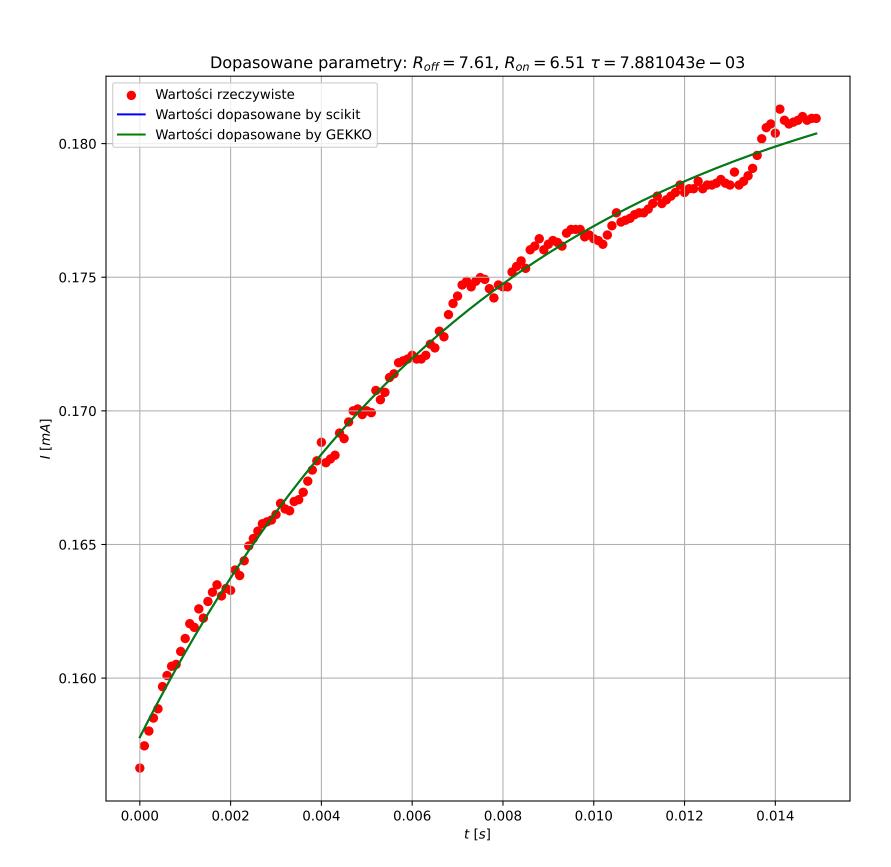
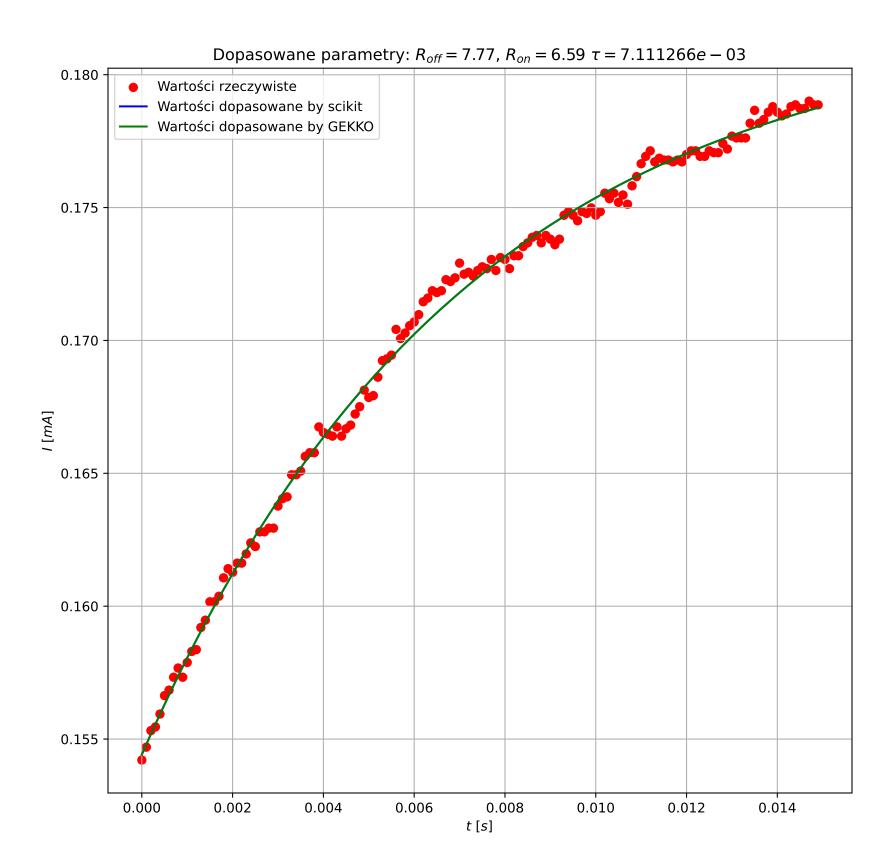


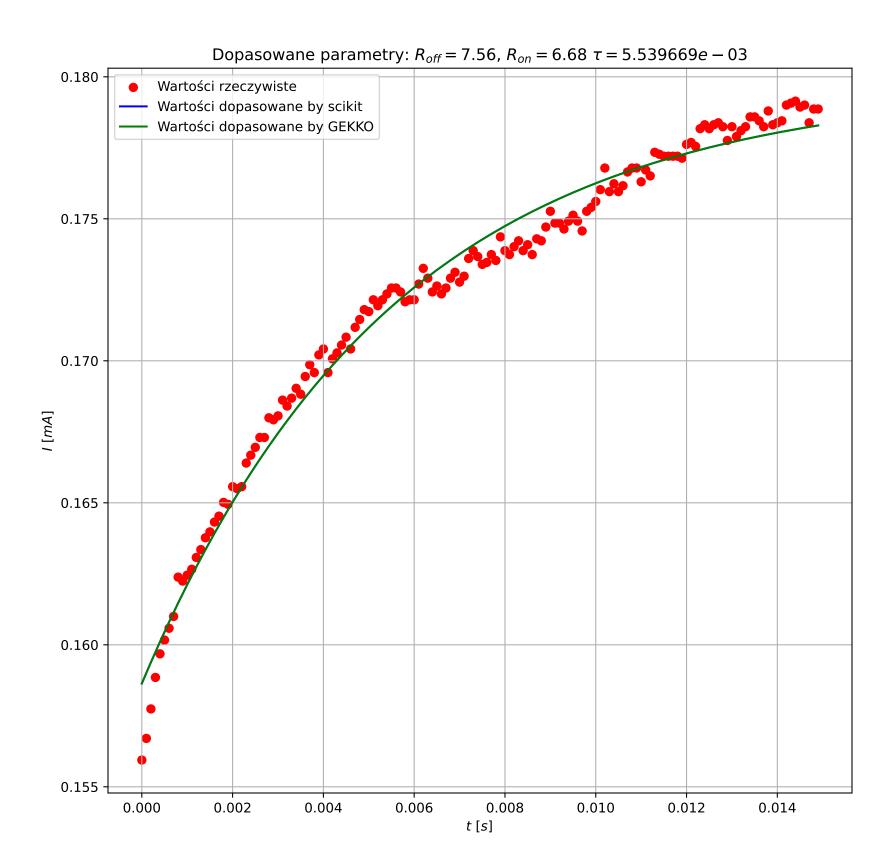
Dopasowane parametry:  $R_{off} = 7.58$ ,  $R_{on} = 6.76 \tau = 3.731343e - 03$ 

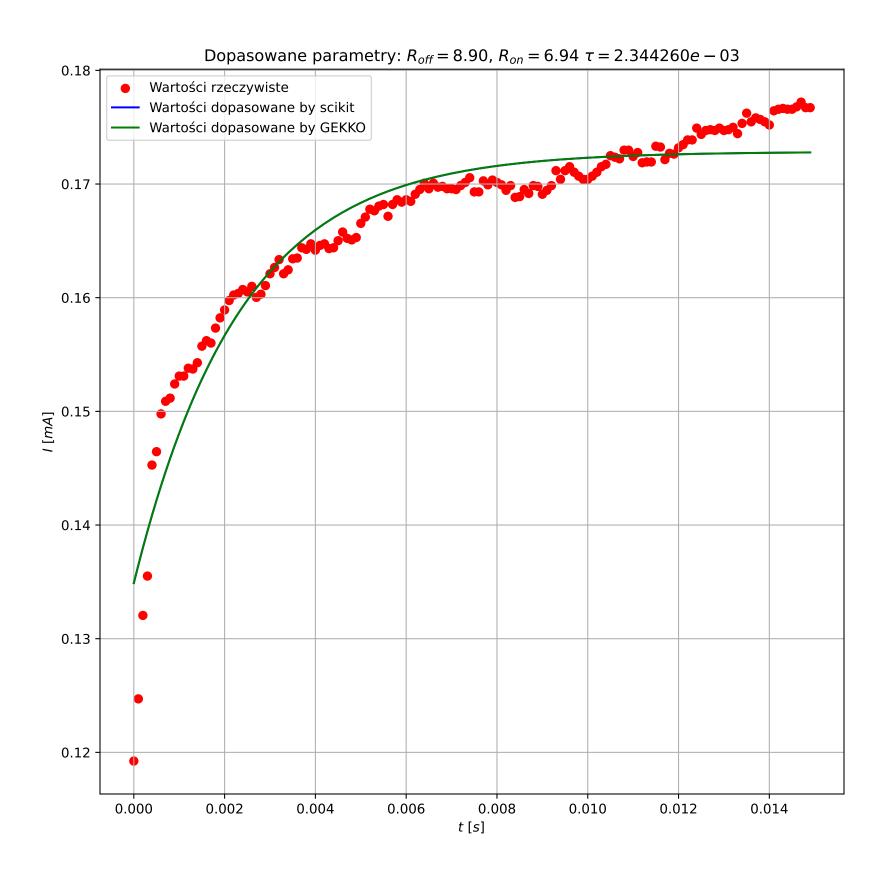


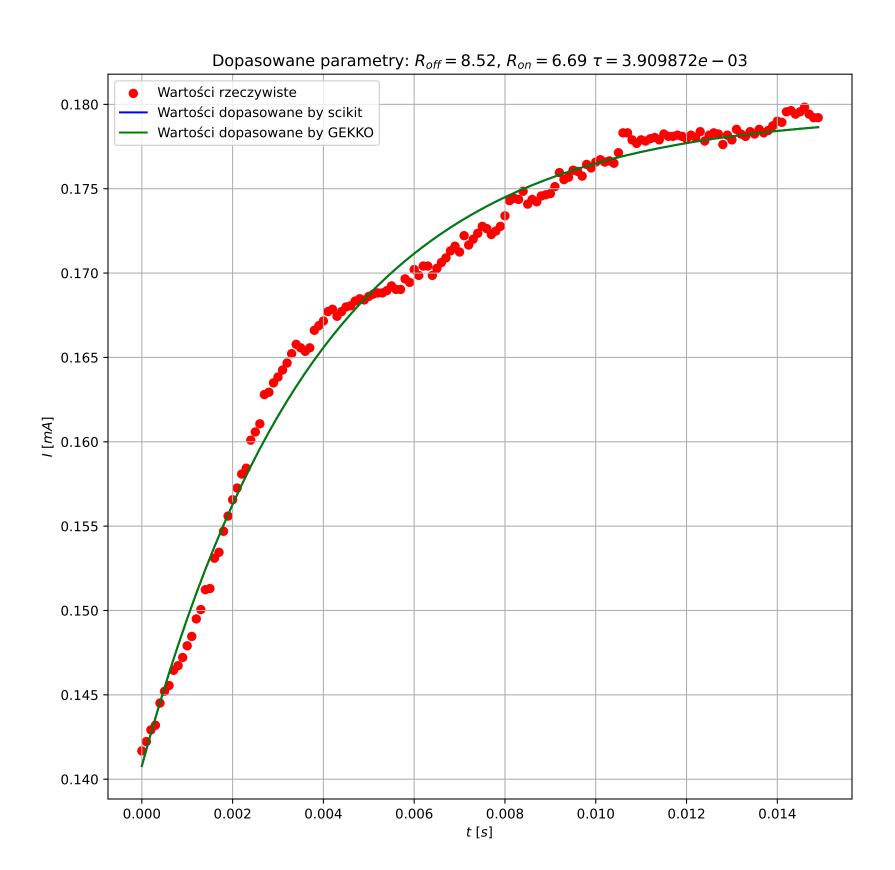


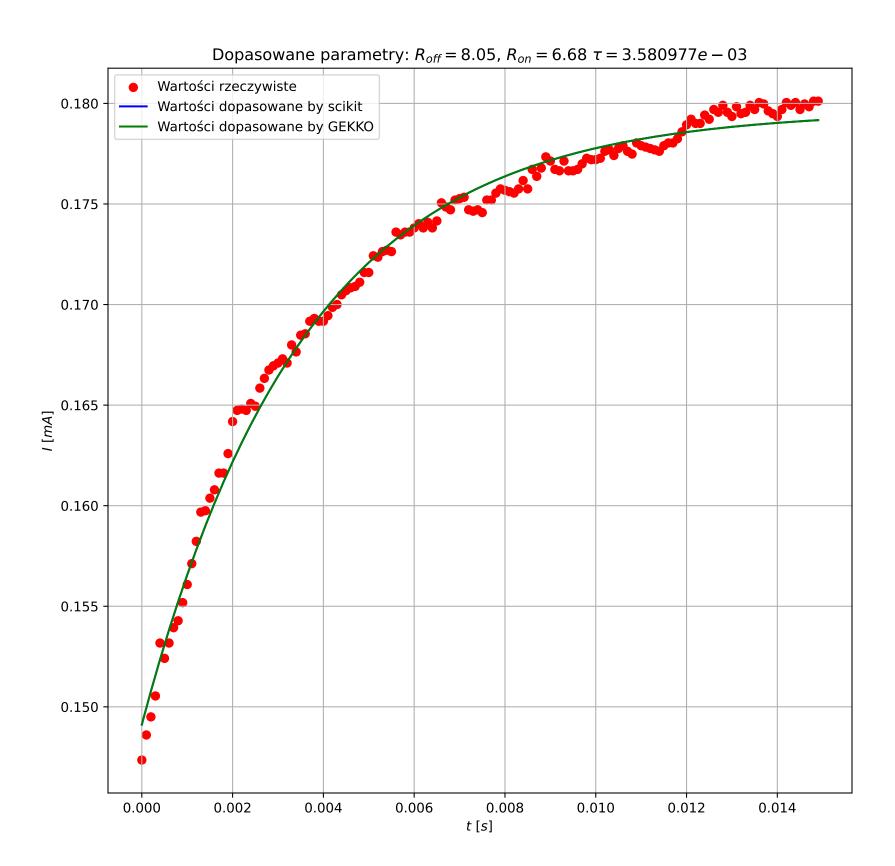




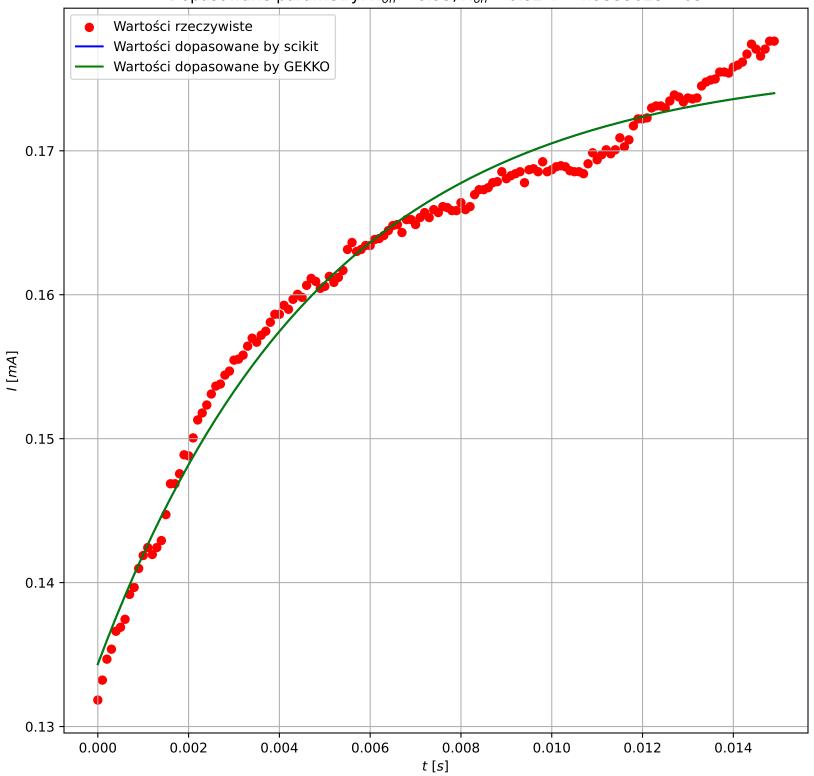




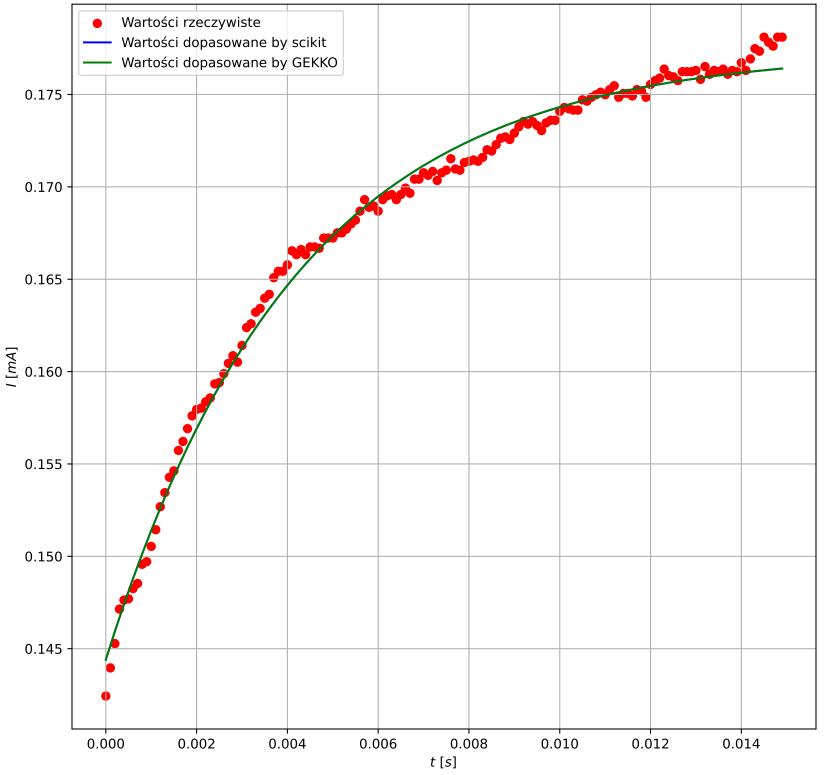




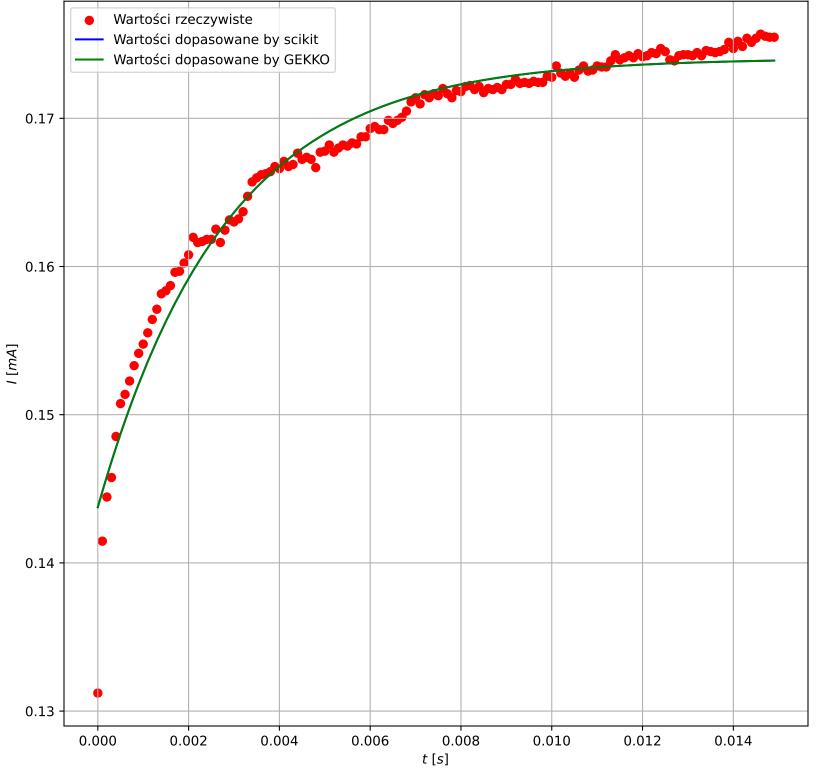
Dopasowane parametry:  $R_{off} = 8.93$ ,  $R_{on} = 6.82 \tau = 4.953362e - 03$ 

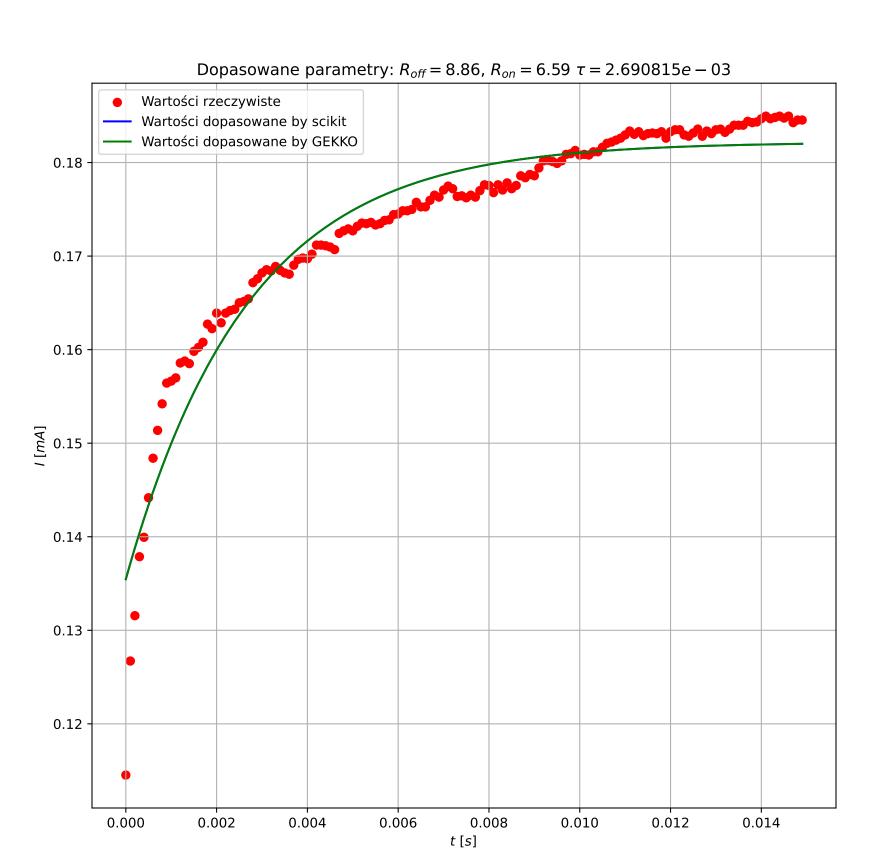


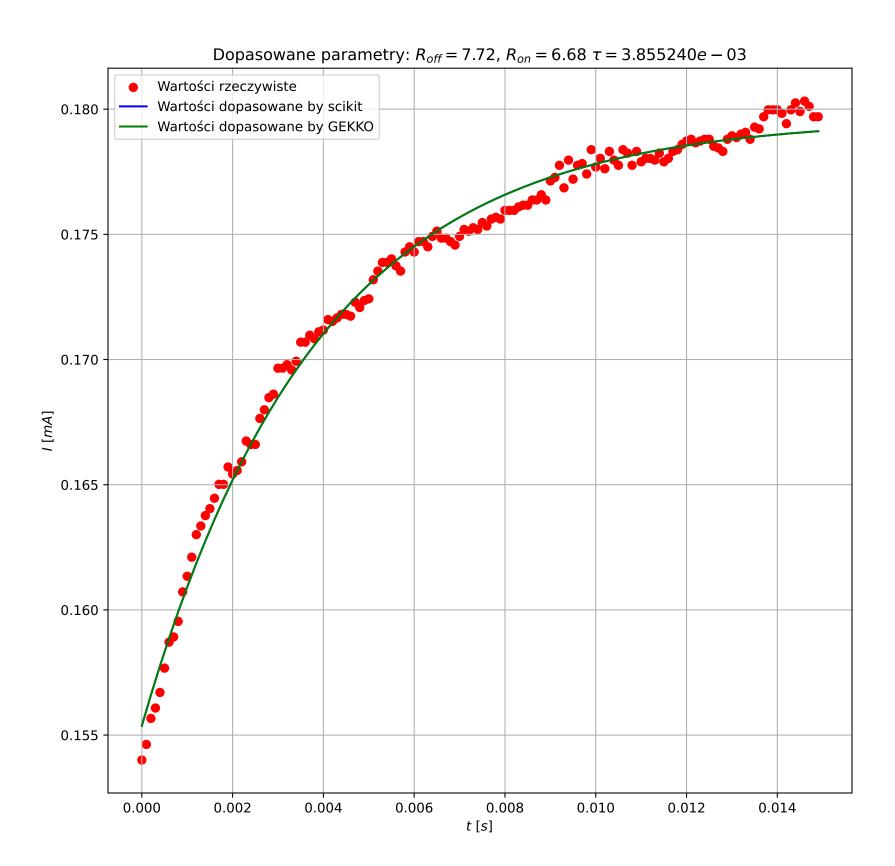
Dopasowane parametry:  $R_{off} = 8.31$ ,  $R_{on} = 6.77 \tau = 4.187095e - 03$ 

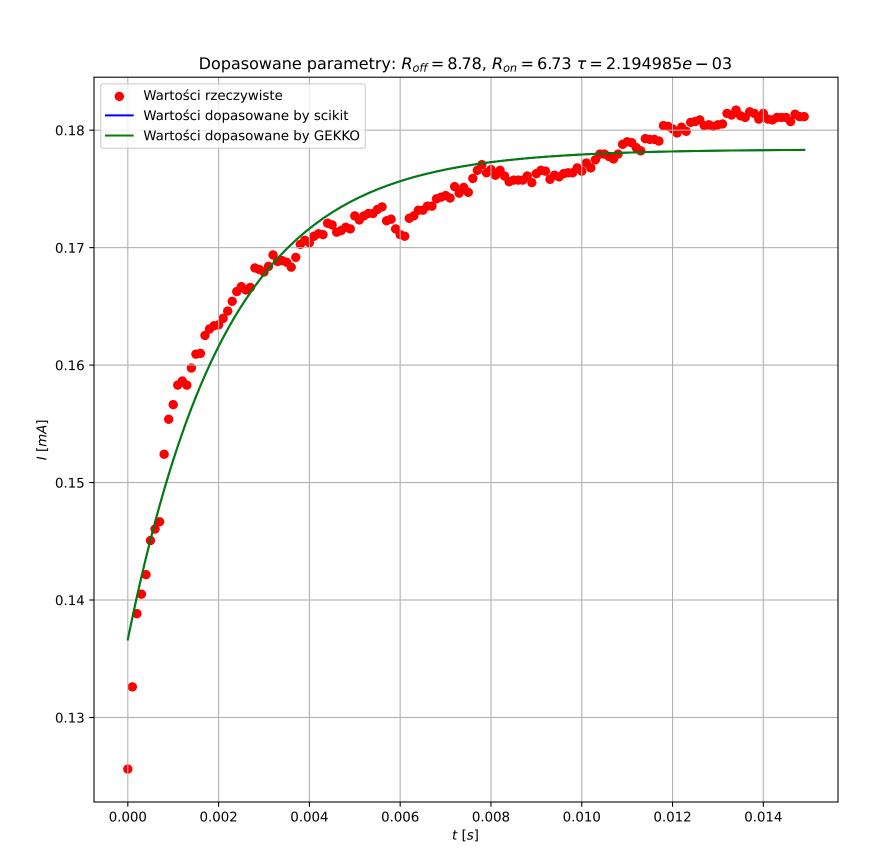


Dopasowane parametry:  $R_{off} = 8.35$ ,  $R_{on} = 6.89 \tau = 2.805142e - 03$ 

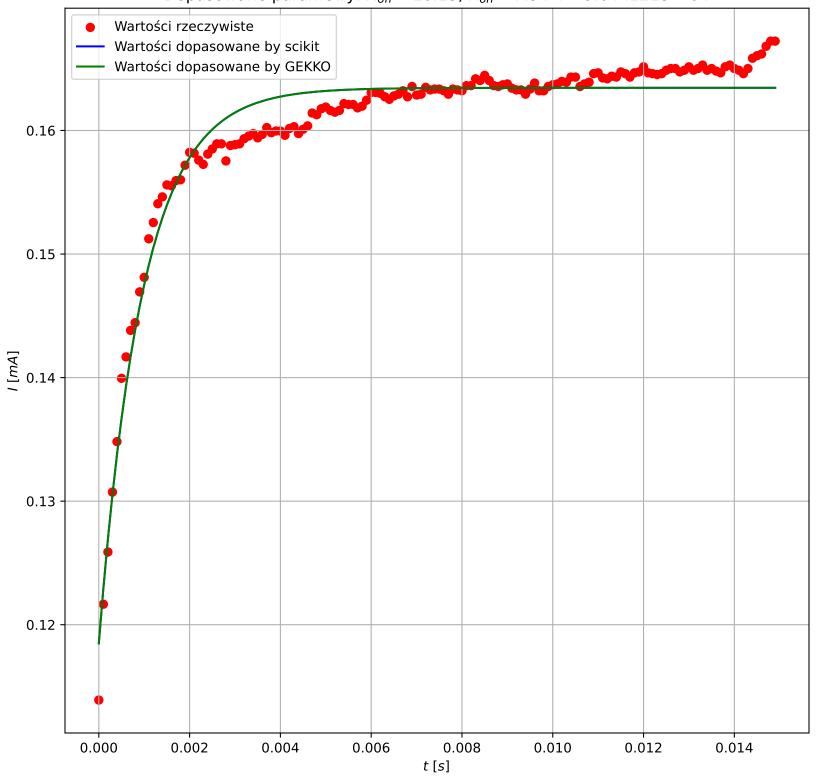


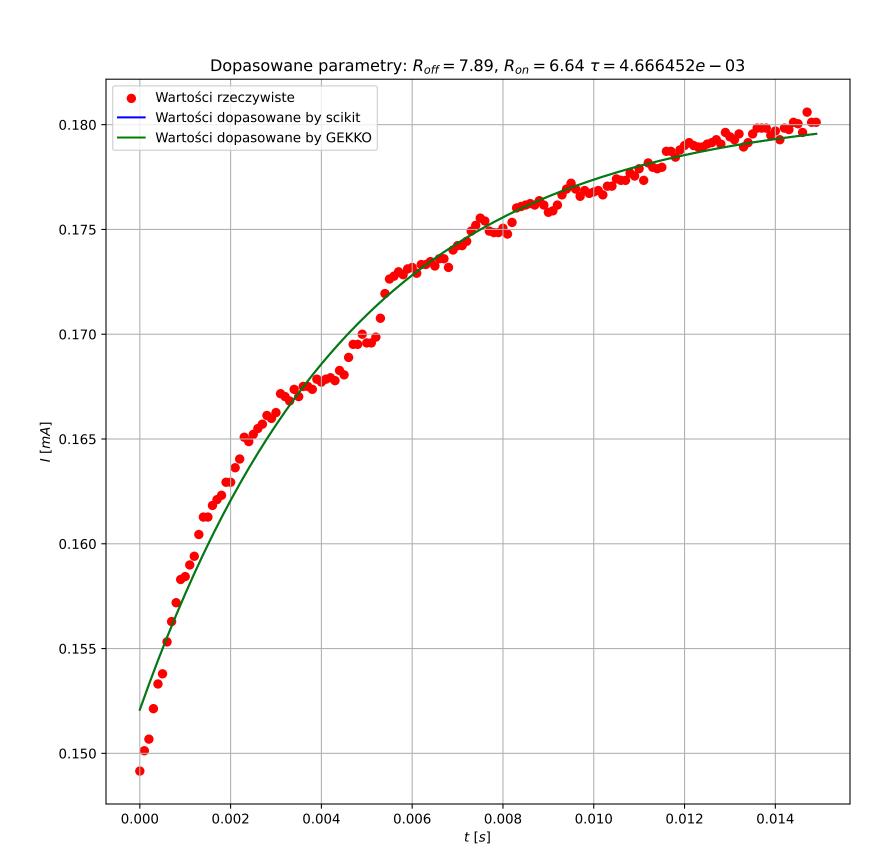


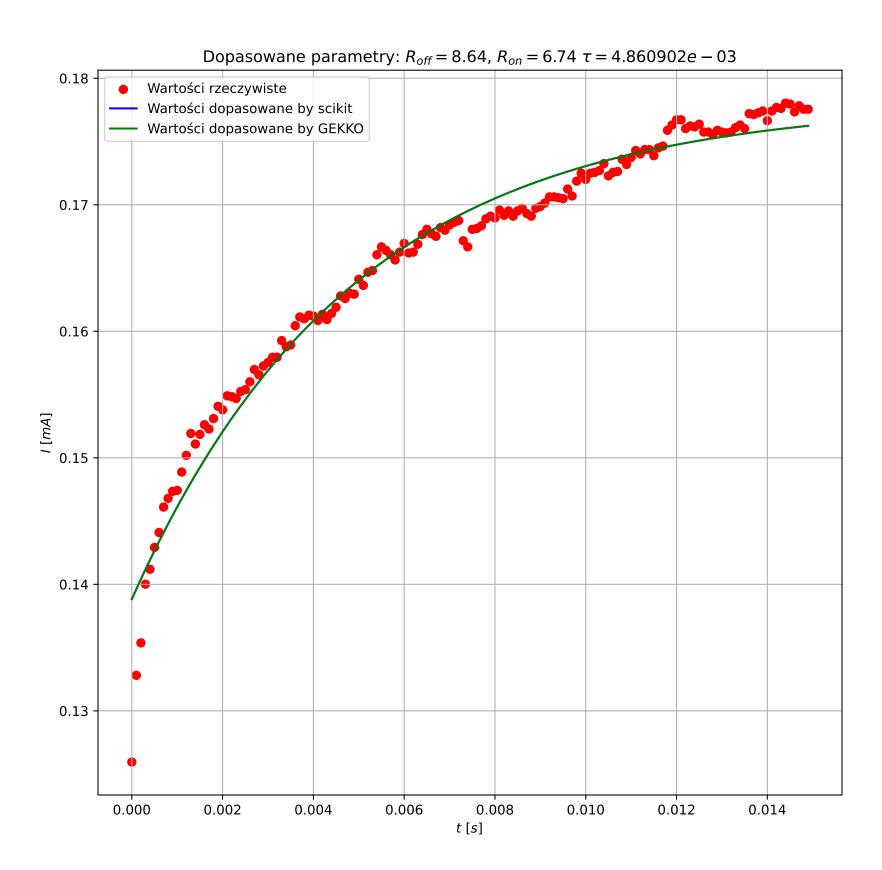


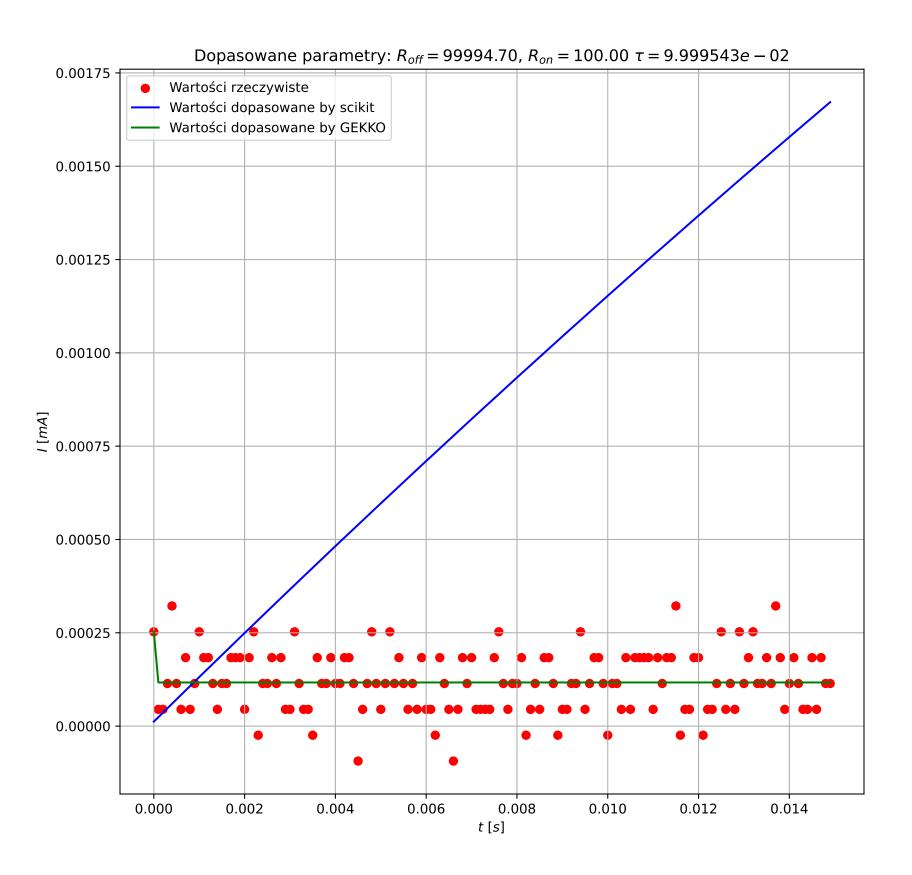


Dopasowane parametry:  $R_{off} = 10.13$ ,  $R_{on} = 7.34 \tau = 9.644121e - 04$ 

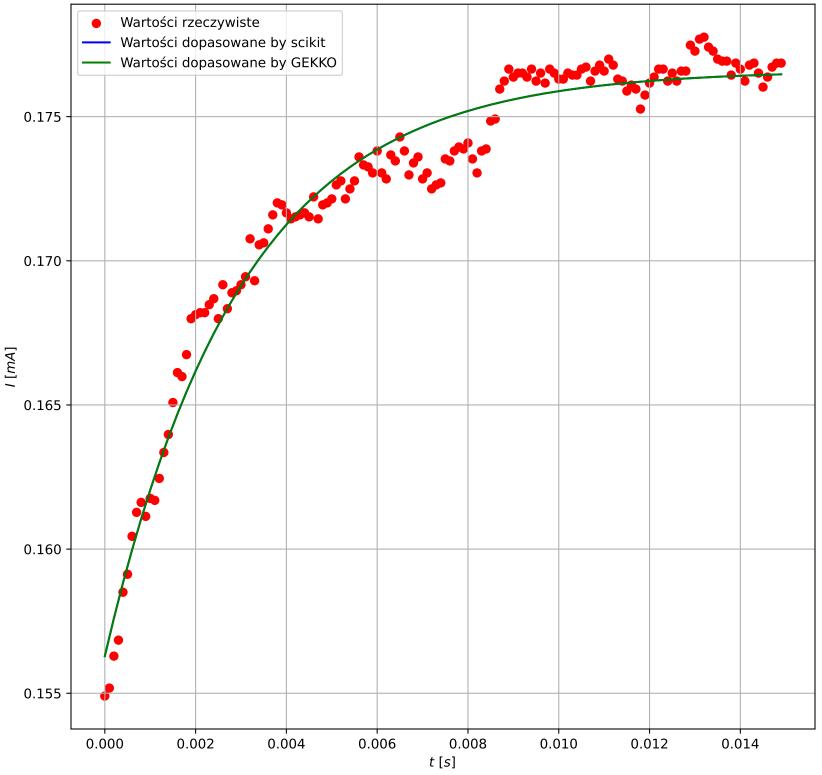








Dopasowane parametry:  $R_{off} = 7.68$ ,  $R_{on} = 6.79 \tau = 2.999650e - 03$ 



Dopasowane parametry:  $R_{off} = 7.80$ ,  $R_{on} = 6.60 \tau = 3.464117e - 03$ Wartości rzeczywiste Wartości dopasowane by scikit Wartości dopasowane by GEKKO 0.180 0.175 0.170 / [mA] 0.165 0.160 0.155

0.000

0.002

0.004

0.006

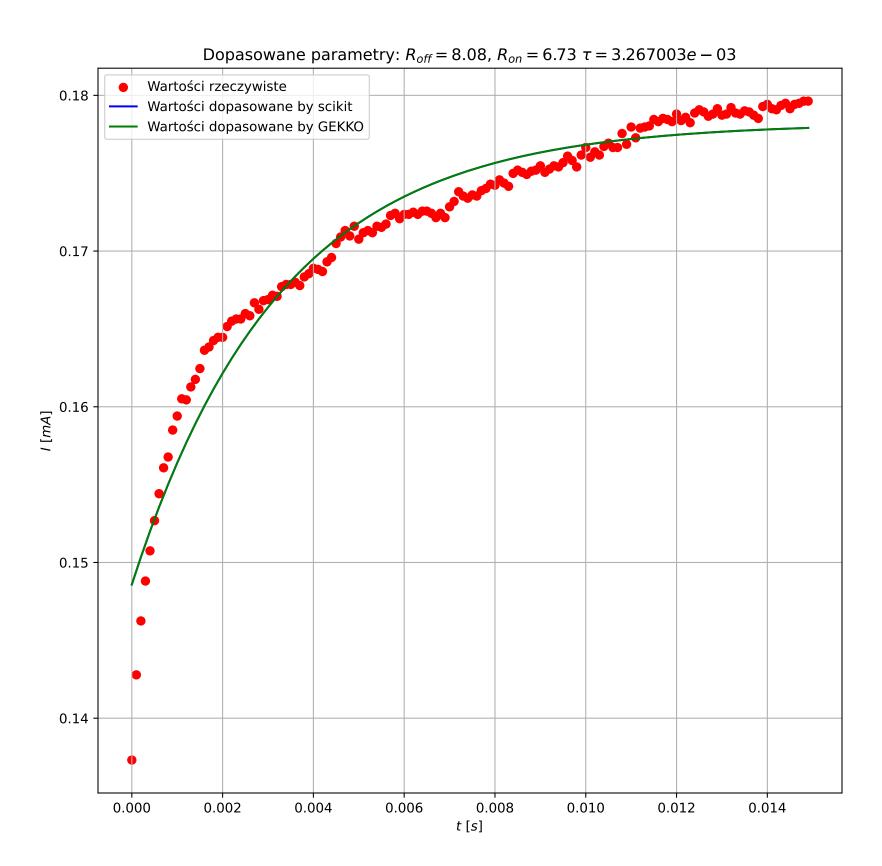
0.008

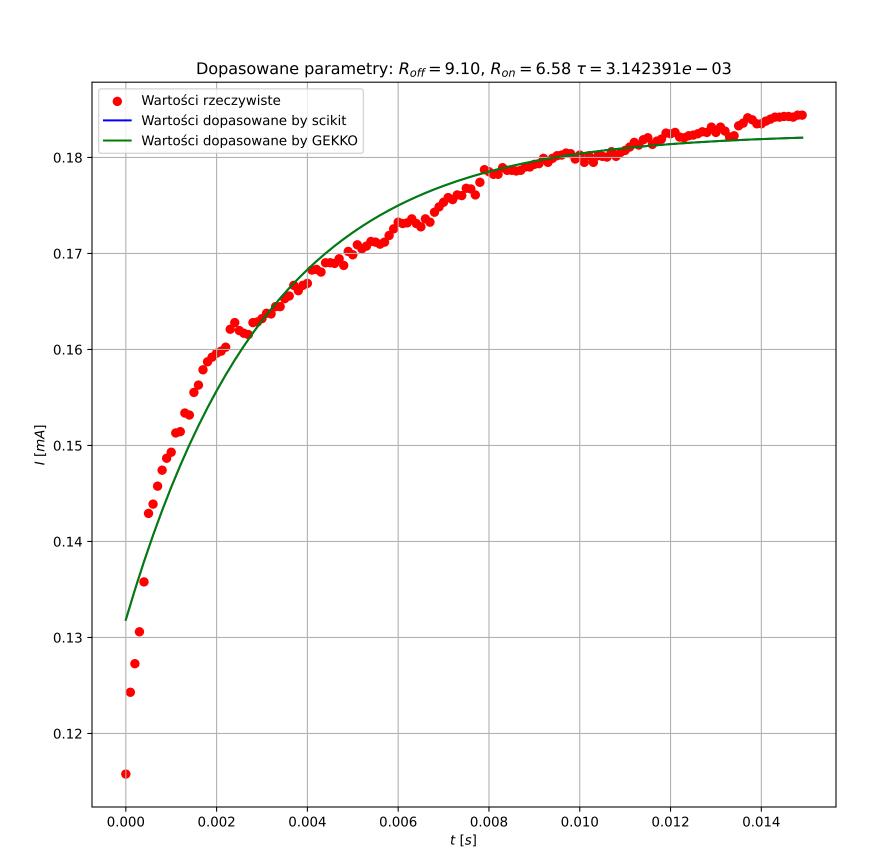
t [s]

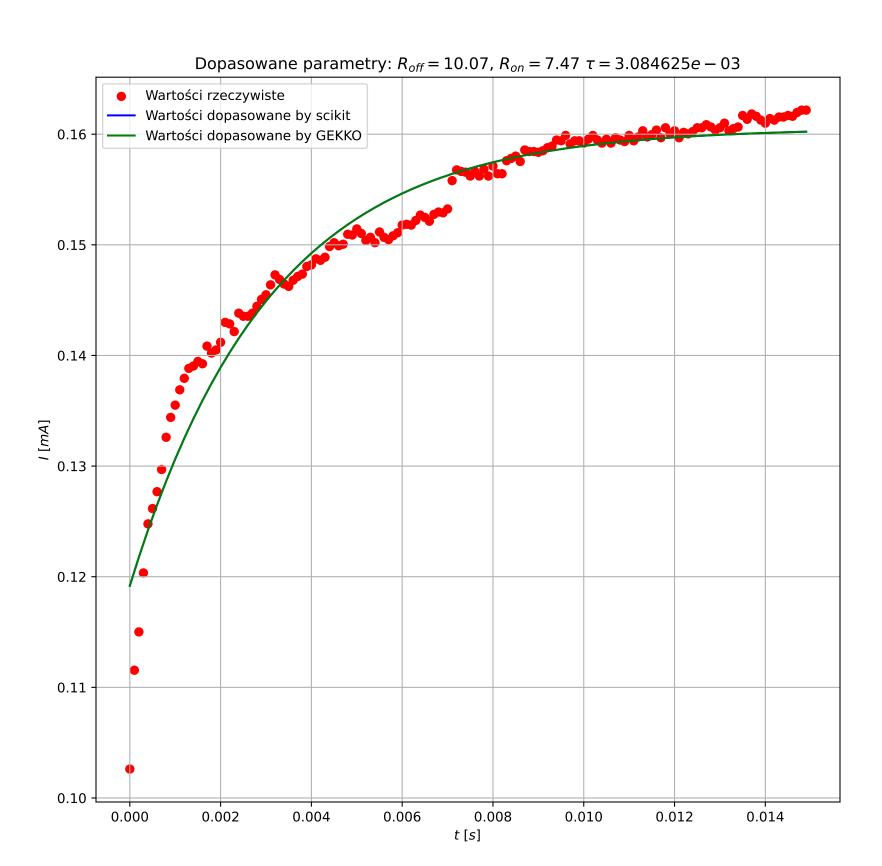
0.010

0.012

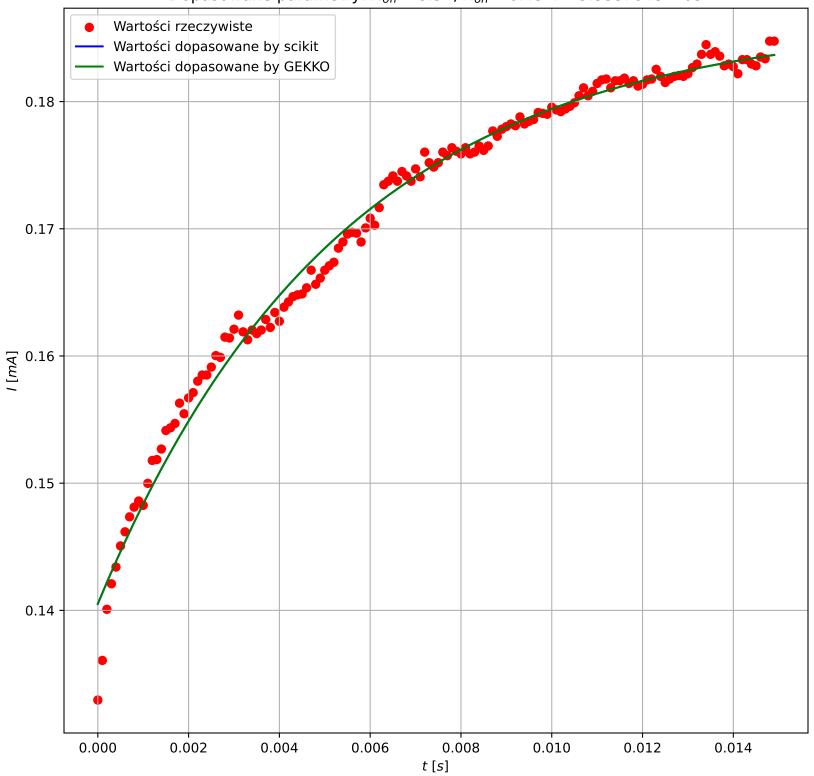
0.014

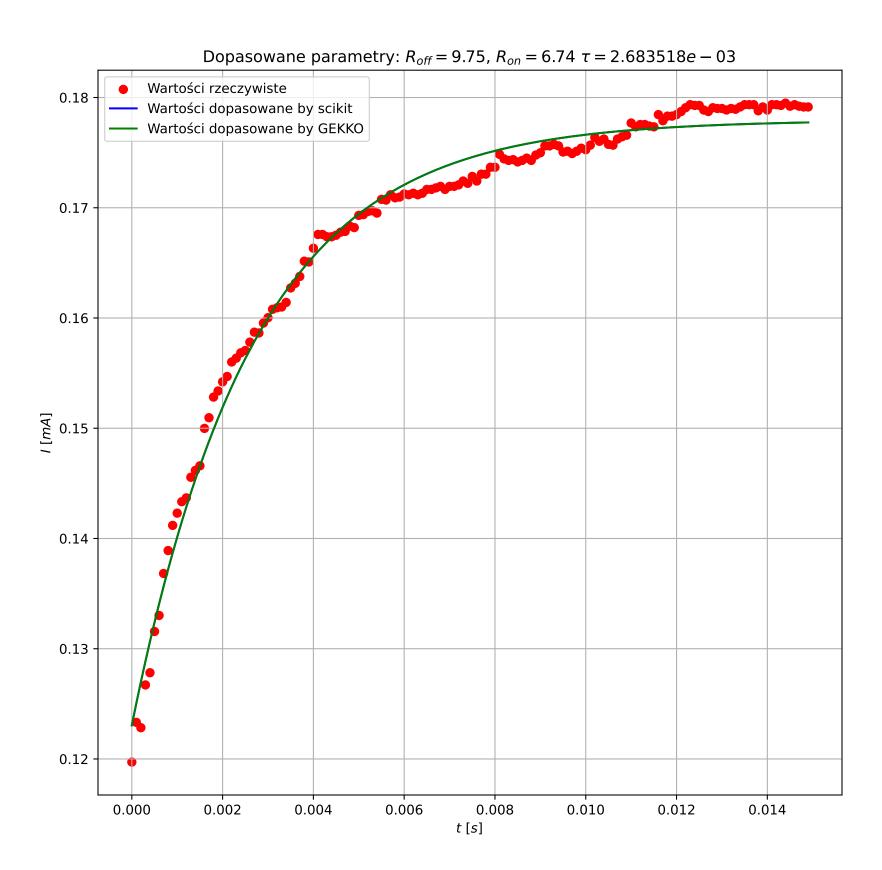


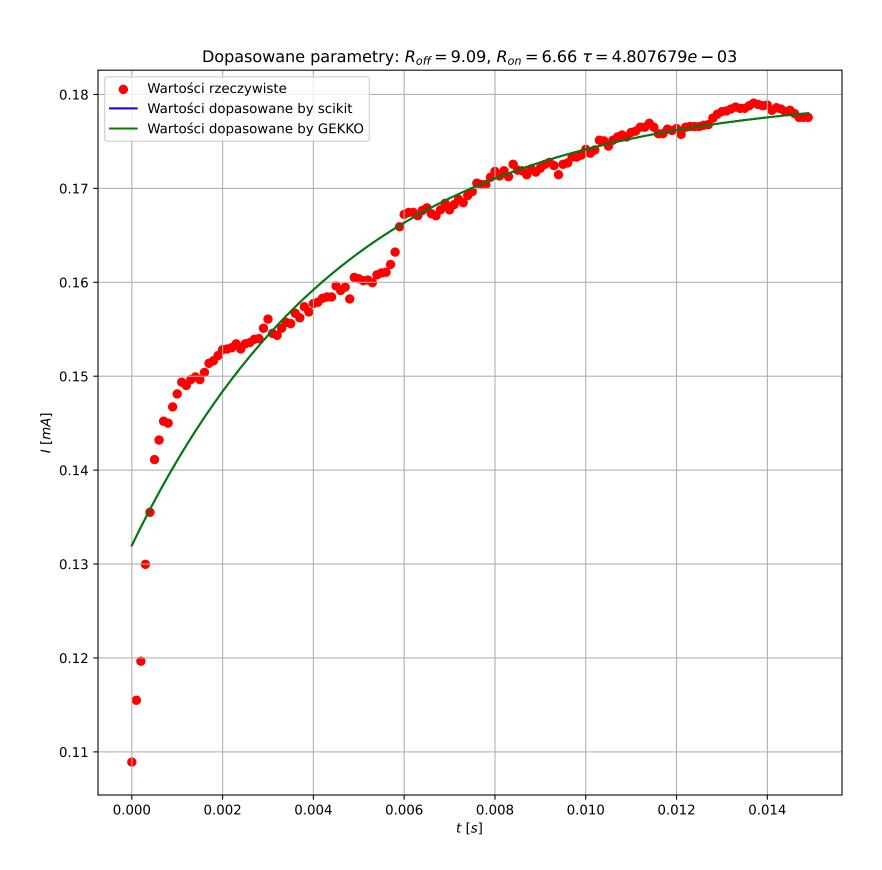




Dopasowane parametry:  $R_{off} = 8.54$ ,  $R_{on} = 6.43 \tau = 5.335784e - 03$ 







Dopasowane parametry:  $R_{off} = 9.14$ ,  $R_{on} = 6.94 \tau = 2.216710e - 03$ Wartości rzeczywiste Wartości dopasowane by scikit Wartości dopasowane by GEKKO 0.17 -0.16 *I* [mA] 0.15 0.14 0.13

0.000

0.002

0.004

0.006

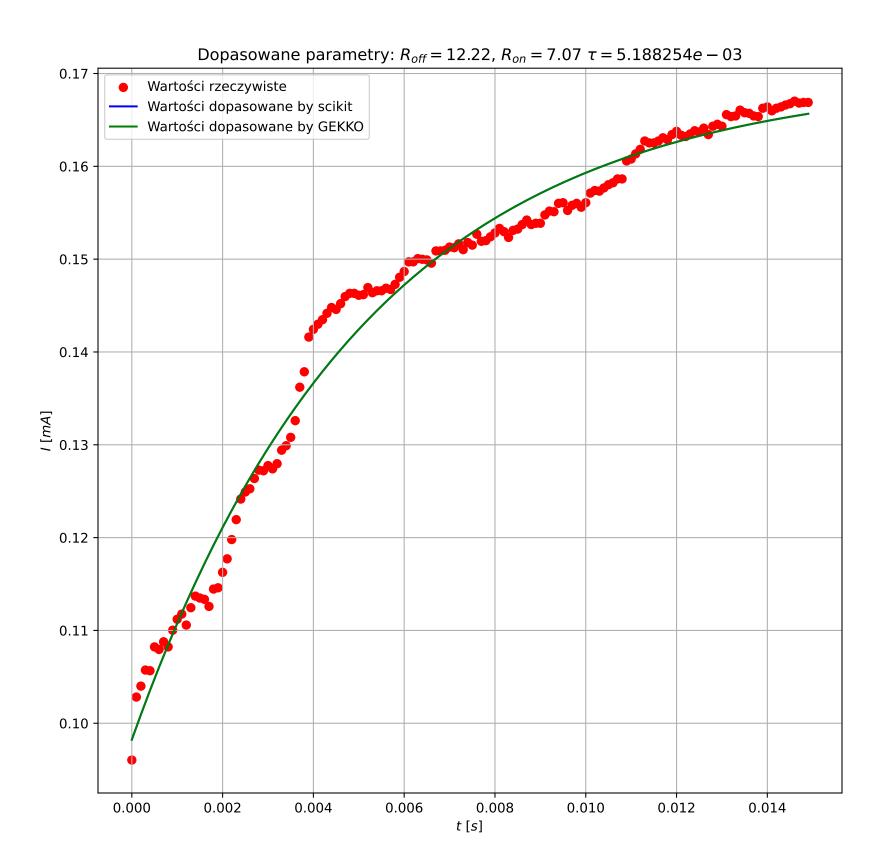
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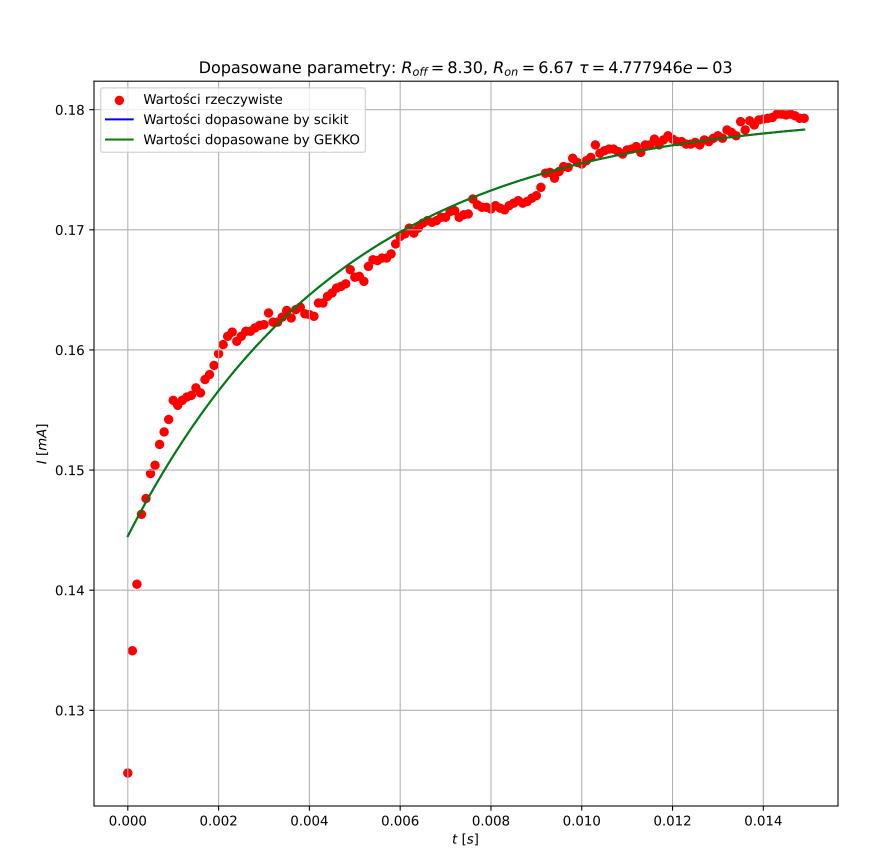
t [s]

0.010

0.012

0.014





Dopasowane parametry:  $R_{off} = 7.56$ ,  $R_{on} = 6.65 \tau = 4.319618e - 03$ Wartości rzeczywiste Wartości dopasowane by scikit Wartości dopasowane by GEKKO 0.180 0.175 0.170 W 1 0.165 0.160

0.006

0.008

t [s]

0.010

0.012

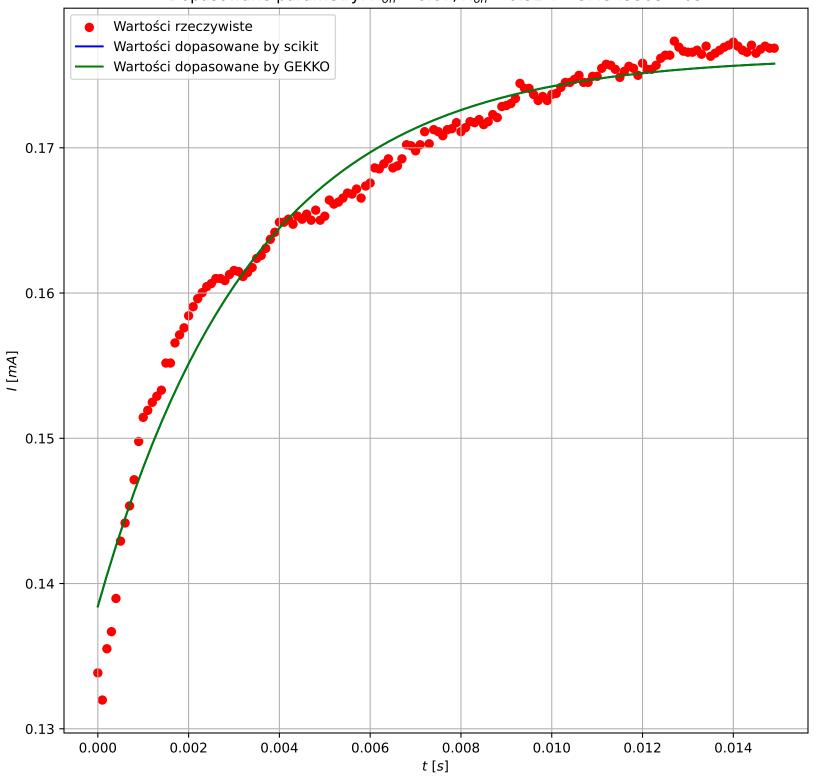
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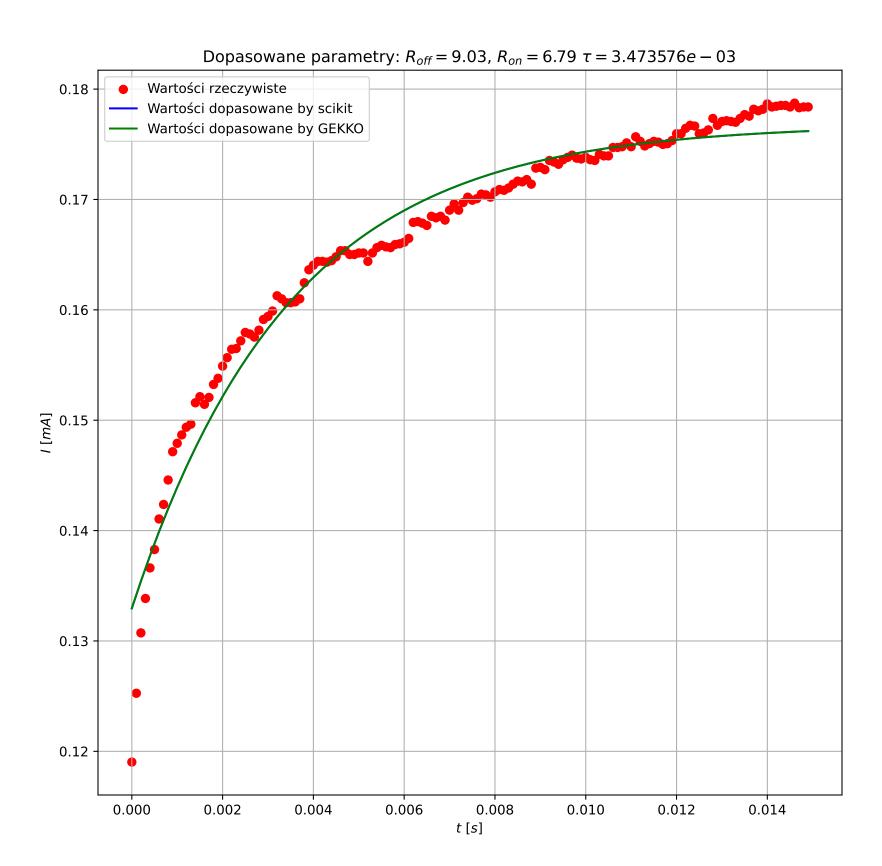
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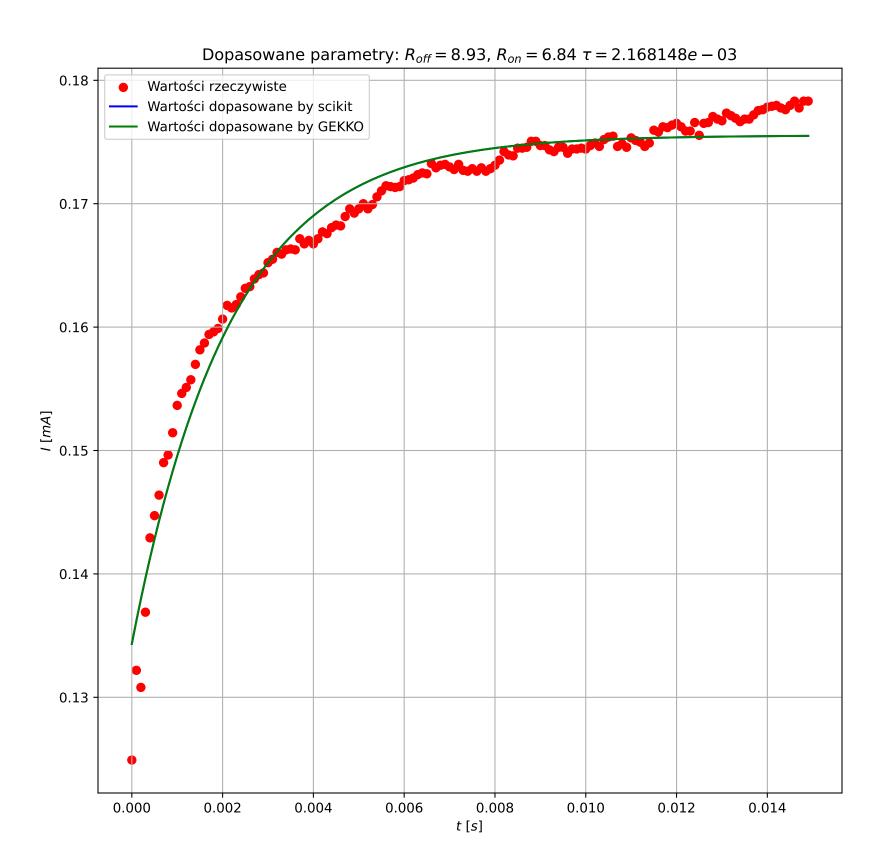
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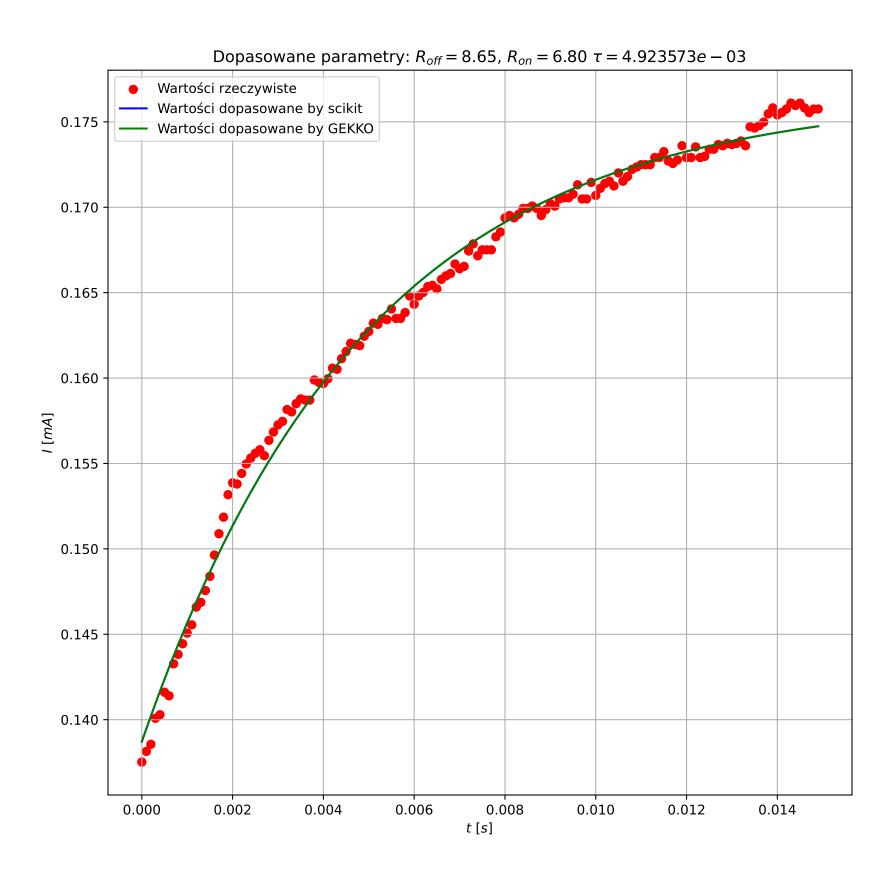
0.004

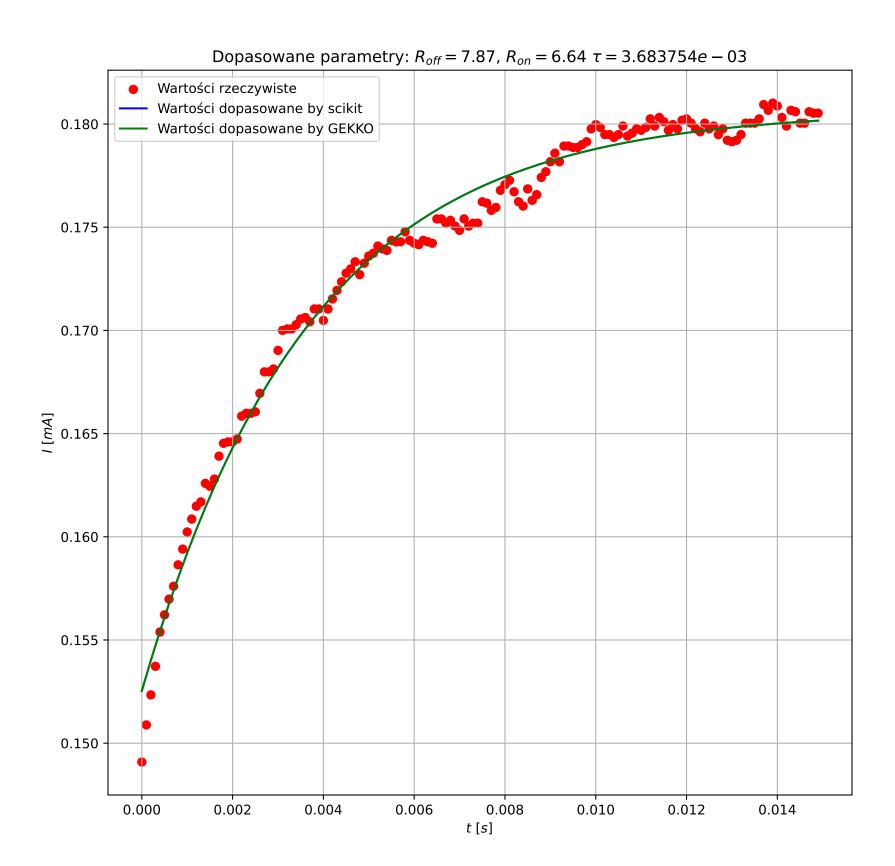
Dopasowane parametry:  $R_{off} = 8.67$ ,  $R_{on} = 6.81 \tau = 3.434530e - 03$ 











Dopasowane parametry:  $R_{off} = 8.05$ ,  $R_{on} = 6.78 \tau = 3.514589e - 03$ 

