

Materiały do samokształcenia z matematyki:

1. Kurs maturalny:  
<https://www.youtube.com/watch?v=WaNOmwQ7D40&list=PLE702B4E51653EC01>  
<https://www.youtube.com/watch?v=bDgnjcl-k4&list=PL8035B18390F35E30>
2. Wartość bezwzględna  
<https://www.youtube.com/watch?v=jKsK-RRIV5k>  
<https://www.youtube.com/watch?v=Dx96zjAdwQM>  
<https://www.youtube.com/watch?v=n6deWkn8KQ0>
3. Liczby wymierne i niewymierne  
[http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&metid=23924417&page=article&article\\_id=340864](http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&metid=23924417&page=article&article_id=340864)  
<https://www.youtube.com/watch?v=BMUODqxKZZw&list=TLaTEYOlvBZYU>  
<https://www.youtube.com/watch?v=4N1AtSREeGg&list=TLaTEYOlvBZYU&index=3>  
<https://www.youtube.com/watch?v=IUjAlGvXP4I&list=TLaTEYOlvBZYU&index=12>  
<http://licz24.pl/pierwiastki-cz2/>
4. Wzory skróconego mnożenia  
<https://www.youtube.com/watch?v=6LzpD4lywZA>  
<https://www.youtube.com/watch?v=XvDUM7kCiRM>
5. Procenty  
[https://www.youtube.com/watch?v=BC\\_2gU52gvE](https://www.youtube.com/watch?v=BC_2gU52gvE)  
<https://www.youtube.com/watch?v=QRpgaaHMXe8>  
<https://www.youtube.com/watch?v=PvMRWMMVnlRo>  
[https://www.youtube.com/watch?v=K\\_WNQ9\\_CYO0](https://www.youtube.com/watch?v=K_WNQ9_CYO0)  
<http://megakorki.pl/item/160/procenty-zestaw-nr-1.htm>  
<http://megakorki.pl/item/200/procenty-zestaw-nr-2.htm>
6. Działania na potęgach  
<https://www.youtube.com/watch?v=1NCP-8kR7WA>  
<https://www.youtube.com/watch?v=VuOR9-2AwBw>
7. Logarytmy  
<https://www.youtube.com/watch?v=ZjuIGDWZCKQ&list=PLCBE84AB7D7385BF9>  
<http://licz24.pl/logarytmy-cz-1/>  
[https://www.youtube.com/watch?v=vTDI\\_otO3ao&index=4&list=PLCBE84AB7D7385BF9](https://www.youtube.com/watch?v=vTDI_otO3ao&index=4&list=PLCBE84AB7D7385BF9)  
<https://www.youtube.com/watch?v=5kRnqr7Q8ng>

<https://www.youtube.com/watch?v=0jjTCHddNq4&list=PL6HG-Sj91wM7NR1a9imG4PMYwRynp1e1Y&index=4>

8. Funkcje

[http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&met hid=1947987028&page=article&article\\_id=341413](http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&met hid=1947987028&page=article&article_id=341413)

[http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&met hid=1947987028&page=article&article\\_id=341197](http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&met hid=1947987028&page=article&article_id=341197)

9. Funkcja liniowa

<http://licz24.pl/funkcja-liniowa-miejsca-zerowe/>

<http://megakorki.pl/item/20/funkcja-liniowa-zestaw-nr-1.htm>

<http://megakorki.pl/item/66/funkcja-liniowa-zestaw-nr-2.htm>

<https://www.youtube.com/watch?v=Ah8eO-JOuZA&list=TLaTEYOlvBZYU>

<https://www.youtube.com/watch?v=HWb1Cwz54do&index=8&list=TL4NyDzLurkJg>

<https://www.youtube.com/watch?v=XCZGC2LK-dw&list=PL06E320C99A3871BF>

<https://www.youtube.com/watch?v=s6wOYJUWhjU&index=4&list=PL06E320C99A3871BF>

[https://www.youtube.com/watch?v=Dq\\_WEBjqI5o&list=PL06E320C99A3871BF&index=10](https://www.youtube.com/watch?v=Dq_WEBjqI5o&list=PL06E320C99A3871BF&index=10)

<https://www.youtube.com/watch?v=qq9bhBbB6dg&index=14&list=PL06E320C99A3871BF>

<https://www.youtube.com/watch?v=xabKIFjFoH4&list=PL06E320C99A3871BF&index=15>

<https://www.youtube.com/watch?v=KMS1fOz6MII>

[https://www.youtube.com/watch?v=sUzQ\\_donsCA](https://www.youtube.com/watch?v=sUzQ_donsCA)

10. Funkcja kwadratowa

<https://www.youtube.com/watch?v=ILMdC5mulfM>

<https://www.youtube.com/watch?v=G3kONp54iBQ>

<http://megakorki.pl/item/72/funkcja-kwadratowa-zestaw-nr-1.htm>

<https://www.youtube.com/watch?v=kazKShjO7qA>

11. Wielomiany

[https://www.youtube.com/watch?v=-OwHVC0yy\\_w](https://www.youtube.com/watch?v=-OwHVC0yy_w)

[https://www.youtube.com/watch?v=D15c0e\\_Lf-w](https://www.youtube.com/watch?v=D15c0e_Lf-w)

12. Funkcja wymierna

<https://www.youtube.com/watch?v=Wble-R0o-kQ>

<https://www.youtube.com/watch?v=x1OUgNmXkHQ>

<https://www.youtube.com/watch?v=qe62Jkd1qOI>

<https://www.youtube.com/watch?v=IBEOHIsQzRI>

13. Ciągi

<https://www.youtube.com/watch?v=R725y7iNbs4>

[https://www.youtube.com/watch?v=F1\\_4JiBRluA](https://www.youtube.com/watch?v=F1_4JiBRluA)  
<https://www.youtube.com/watch?v=eVhbbfoor-A>  
<https://www.youtube.com/watch?v=9mGPFp-sgRY>  
<http://megakorki.pl/item/86/ciagi-zestaw-nr-1.htm>

14. Rachunek prawdopodobieństwa

[https://www.youtube.com/watch?v=DbpVU5m\\_4uQ&index=3&list=PLkFbmHog6y4mVFficyI3c4\\_2is8awStVWo](https://www.youtube.com/watch?v=DbpVU5m_4uQ&index=3&list=PLkFbmHog6y4mVFficyI3c4_2is8awStVWo)  
[https://www.youtube.com/watch?v=mX2ItWXd5RE&list=PLkFbmHog6y4mVFficyI3c4\\_2is8awStVWo&index=6](https://www.youtube.com/watch?v=mX2ItWXd5RE&list=PLkFbmHog6y4mVFficyI3c4_2is8awStVWo&index=6)  
  
<https://www.youtube.com/watch?v=380xnfzowtE>

15. Statystyka

[http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&metid=1947987028&page=article&article\\_id=341368](http://www.interklasa.pl/portal/index/strony?mainSP=subjectpages&mainSRV=matma&metid=1947987028&page=article&article_id=341368)  
<https://www.youtube.com/watch?v=PncfB6sd80c>

16. Zadania na dowodzenie

[https://www.youtube.com/watch?v=\\_1kWgsgM-sE&index=7&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf](https://www.youtube.com/watch?v=_1kWgsgM-sE&index=7&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf)  
[https://www.youtube.com/watch?v=zINfcefE190&index=3&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf](https://www.youtube.com/watch?v=zINfcefE190&index=3&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf)  
[https://www.youtube.com/watch?v=YtCl8PnFtbl&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf&index=5](https://www.youtube.com/watch?v=YtCl8PnFtbl&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf&index=5)  
[https://www.youtube.com/watch?v=QSlw5cpggwY&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf&index=8](https://www.youtube.com/watch?v=QSlw5cpggwY&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf&index=8)  
[https://www.youtube.com/watch?v=0mk8FujkITU&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf&index=13](https://www.youtube.com/watch?v=0mk8FujkITU&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf&index=13)  
[https://www.youtube.com/watch?v=kOxa9RzBejY&index=26&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf](https://www.youtube.com/watch?v=kOxa9RzBejY&index=26&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf)  
[https://www.youtube.com/watch?v=P5f\\_W7Ib\\_fm&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf&index=33](https://www.youtube.com/watch?v=P5f_W7Ib_fm&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf&index=33)  
[https://www.youtube.com/watch?v=KUDwfb1ceOc&index=39&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf](https://www.youtube.com/watch?v=KUDwfb1ceOc&index=39&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf)  
[https://www.youtube.com/watch?v=Uz0USeuM6Ow&index=47&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6\\_wf](https://www.youtube.com/watch?v=Uz0USeuM6Ow&index=47&list=PLERRNjow7taW6x7eDFPtxtdgFxFZGu6_wf)