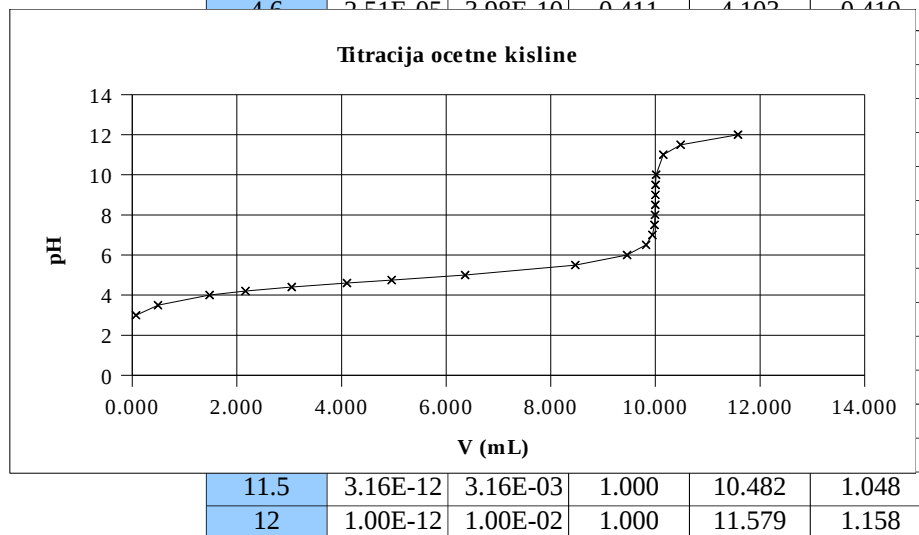


Simulacija titracije šibke kisline HA

Navodilo: v polja B4-B7 vstavi podatke, v polja C4-C24 pa izbrani pH

Ca =	0.1	pH	H+	OH-	alfa	Vb (mL)	Phi
Va =	20	3	1.00E-03	1.00E-11	0.017	0.072	0.007
Cb =	0.2	3.5	3.16E-04	3.16E-11	0.052	0.492	0.049
Ka =	1.75E-05	4	1.00E-04	1.00E-10	0.149	1.479	0.148
Kw =	1.00E-14	4.2	6.31E-05	1.58E-10	0.217	2.164	0.216
		4.4	3.98E-05	2.51E-10	0.305	3.049	0.305
		4.6	2.51E-05	3.98E-10	0.411	4.102	0.410



$$D4 = 10^{-C4}$$

$$E4 = 10^{(C4-14)}$$

$$F4 = \frac{B6}{B6 + D4}$$

$$G4 = \frac{B4 * (B3 * F4 - D4 + E4)}{B5 + D4 - E4}$$

$$H4 = \frac{B5 * (B3 * F4 - D4 + E4)}{B3 * (B5 + D4 - E4)}$$