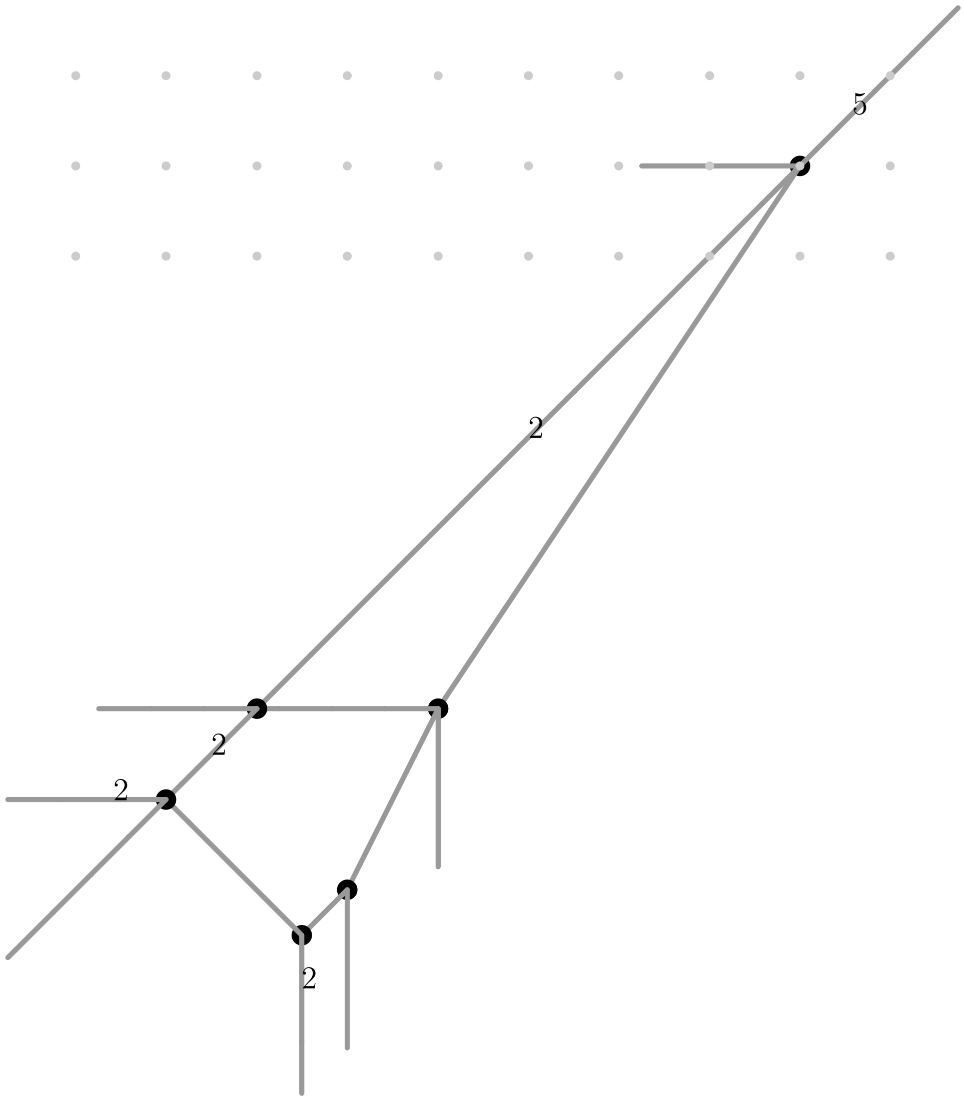
The Tropicalisation of

$$f = x^5-5\cdot x^4y+10\cdot x^3y^2-10\cdot x^2y^3+5\cdot xy^4-y^5+(32\cdot t^4+16\cdot t^5-62\cdot t^6-32\cdot t^7+254\cdot t^8+224\cdot t^9+92\cdot t^{10}+14\cdot t^{11}+t^{12}+6\cdot t^{13}+t^{16})\cdot x^4+(-8\cdot t^2-64\cdot t^4-36\cdot t^5+252\cdot t^6+128\cdot t^7-1012\cdot t^8-896\cdot t^9-368\cdot t^{10}-56\cdot t^{11}-4\cdot t^{12}-24\cdot t^{13}-4\cdot t^{16})\cdot x^3y+(4+20\cdot t^2+32\cdot t^4+26\cdot t^5-382\cdot t^6-192\cdot t^7+1514\cdot t^8+1344\cdot t^9+552\cdot t^{10}+84\cdot t^{11}+6\cdot t^{12}+36\cdot t^{13}+6\cdot t^{16})\cdot x^2y^2+(-4-16\cdot t^2-8\cdot t^5+256\cdot t^6+128\cdot t^7-1008\cdot t^8-896\cdot t^9-368\cdot t^{10}-56\cdot t^{11}-4\cdot t^{12}-24\cdot t^{13}-4\cdot t^{16})\cdot xy^3+(1+4\cdot t^2+2\cdot t^5-64\cdot t^6-32\cdot t^7+252\cdot t^8+224\cdot t^9+92\cdot t^{10}+14\cdot t^{11}+t^{12}+6\cdot t^{13}+t^{16})\cdot y^4+(128\cdot t^9+1104\cdot t^{10}+784\cdot t^{11}+273\cdot t^{12}+576\cdot t^{13}+582\cdot t^{14}+240\cdot t^{15}-727\cdot t^{16}-382\cdot t^{17}+3072\cdot t^{18}+2310\cdot t^{19}+720\cdot t^{20}+1682\cdot t^{21}+1292\cdot t^{22}+440\cdot t^{23}+336\cdot t^{24}+230\cdot t^{25}+80\cdot t^{26}+14\cdot t^{27}+t^{28})\cdot x^3+(128\cdot t^6+64\cdot t^7+8\cdot t^8-320\cdot t^9-3304\cdot t^{10}-2348\cdot t^{11}-883\cdot t^{12}-1708\cdot t^{13}-1358\cdot t^{14}-656\cdot t^{15}+2205\cdot t^{16}+1338\cdot t^{17}-9152\cdot t^{18}-6918\cdot t^{19}-2160\cdot t^{20}-5046\cdot t^{21}-3876\cdot t^{22}-1320\cdot t^{23}-1008\cdot t^{24}-690\cdot t^{25}-240\cdot t^{26}-42\cdot t^{27}-3\cdot t^{28})\cdot x^2y+(-192\cdot t^6-96\cdot t^7-12\cdot t^8+288\cdot t^9+3300\cdot t^{10}+2346\cdot t^{11}+915\cdot t^{12}+1698\cdot t^{13}+1164\cdot t^{14}+624\cdot t^{15}-2217\cdot t^{16}-1434\cdot t^{17}+9120\cdot t^{18}+6912\cdot t^{19}+2160\cdot t^{20}+5046\cdot t^{21}+3876\cdot t^{22}+1320\cdot t^{23}+1008\cdot t^{24}+690\cdot t^{25}+240\cdot t^{26}+42\cdot t^{27}+3\cdot t^{28})\cdot xy^2+(64\cdot t^6+32\cdot t^7+4\cdot t^8-96\cdot t^9-1100\cdot t^{10}-782\cdot t^{11}-305\cdot t^{12}-566\cdot t^{13}-388\cdot t^{14}-208\cdot t^{15}+739\cdot t^{16}+478\cdot t^{17}-3040\cdot t^{18}-2304\cdot t^{19}-720\cdot t^{20}-1682\cdot t^{21}-1292\cdot t^{22}-440\cdot t^{23}-336\cdot t^{24}-230\cdot t^{25}-80\cdot t^{26}-14\cdot t^{27}-t^{28})\cdot y^3+(-1024\cdot t^{16}-512\cdot t^{17}-1088\cdot t^{18}+16768\cdot t^{20}+9856\cdot t^{21}-13364\cdot t^{22}+4896\cdot t^{23}+7292\cdot t^{24}-21914\cdot t^{25}-13760\cdot t^{26}-2754\cdot t^{27}-12287\cdot t^{28}-9616\cdot t^{29}-3120\cdot t^{30}-2528\cdot t^{31}-1812\cdot t^{32}-638\cdot t^{33}-112\cdot t^{34}-8\cdot t^{35})\cdot x^2+(128\cdot t^{14}+2048\cdot t^{16}+960\cdot t^{17}+96\cdot t^{18}-512\cdot t^{19}-33824\cdot t^{20}-22816\cdot t^{21}+25832\cdot t^{22}-10032\cdot t^{23}-16128\cdot t^{24}+43316\cdot t^{25}+27424\cdot t^{26}+5252\cdot t^{27}+24478\cdot t^{28}+19216\cdot t^{29}+6240\cdot t^{30}+5056\cdot t^{31}+3624\cdot t^{32}+1276\cdot t^{33}+224\cdot t^{34}+16\cdot t^{35})\cdot xy+(-64\cdot t^{14}-1024\cdot t^{16}-480\cdot t^{17}-48\cdot t^{18}+256\cdot t^{19}+16912\cdot t^{20}+11408\cdot t^{21}-12916\cdot t^{22}+5016\cdot t^{23}+8064\cdot t^{24}-21658\cdot t^{25}-13712\cdot t^{26}-2626\cdot t^{27}-12239\cdot t^{28}-9608\cdot t^{29}-3120\cdot t^{30}-2528\cdot t^{31}-1812\cdot t^{32}-638\cdot t^{33}-112\cdot t^{34}-8\cdot t^{35})\cdot y^2+(4096\cdot t^{20}+2048\cdot t^{21}+256\cdot t^{22}-66560\cdot t^{24}-49664\cdot t^{25}-22592\cdot t^{26}-138752\cdot t^{27}-103808\cdot t^{28}-39008\cdot t^{29}-107520\cdot t^{30}-81024\cdot t^{31}-28464\cdot t^{32}-38272\cdot t^{33}-28144\cdot t^{34}-9736\cdot t^{35}-5824\cdot t^{36}-3712\cdot t^{37}-1280\cdot t^{38}-224\cdot t^{39}-16\cdot t^{40})\cdot x+(-4096\cdot t^{20}-2048\cdot t^{21}-256\cdot t^{22}+66560\cdot t^{24}+49664\cdot t^{25}+22592\cdot t^{26}+138752\cdot t^{27}+103808\cdot t^{28}+39008\cdot t^{29}+107520\cdot t^{30}+81024\cdot t^{31}+28464\cdot t^{32}+38272\cdot t^{33}+28144\cdot t^{34}+9736\cdot t^{35}+5824\cdot t^{36}+3712\cdot t^{37}+1280\cdot t^{38}+224\cdot t^{39}+16\cdot t^{40})\cdot y$$

The vertices of the tropical curve are:

$$(0,0),\quad (-4,-6),\quad (-5,-8),\quad (-6,-6),\quad (-11/2,-17/2),\quad (-7,-7)$$



The Newton subdivision of the tropical curve is: