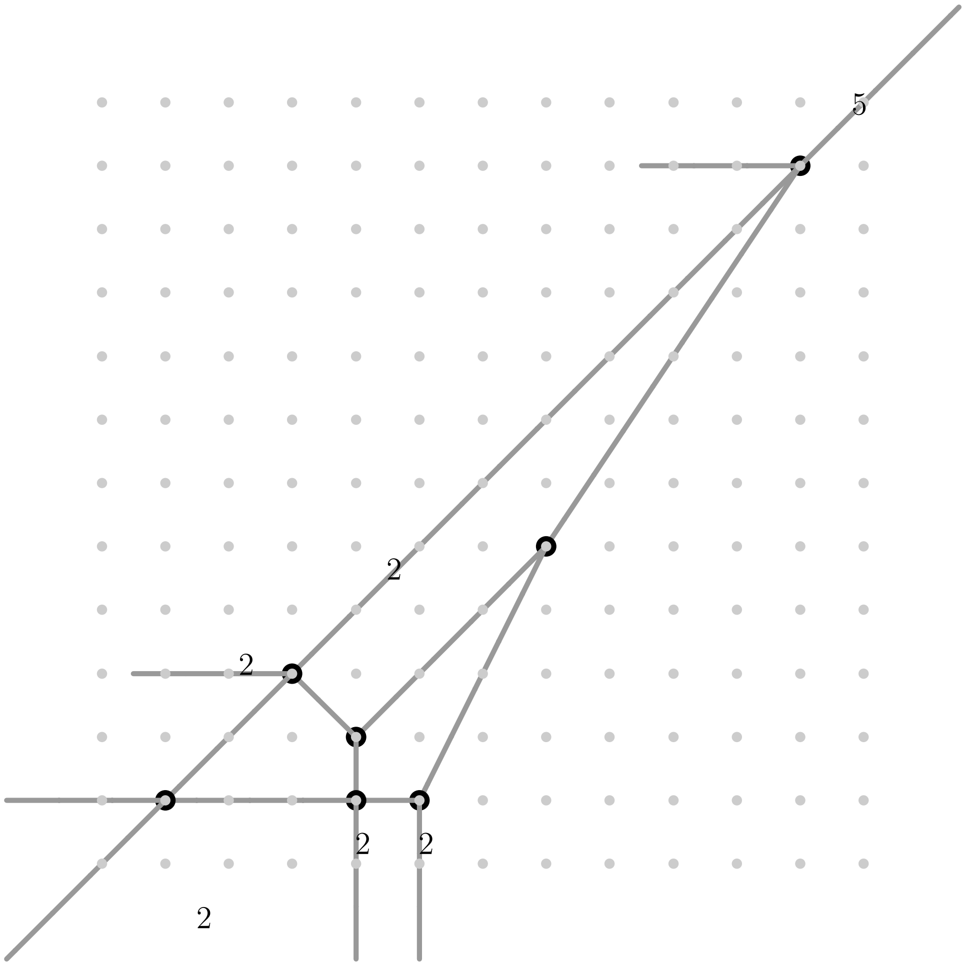
The Tropicalisation of

$$f = x^5-5\cdot x^4y+10\cdot x^3y^2-10\cdot x^2y^3+5\cdot xy^4-y^5+(18\cdot t^8-985\cdot t^{10}+8190\cdot t^{12}+8748\cdot t^{14}+3761\cdot t^{16}+4206\cdot t^{18}+625\cdot t^{20}+625\cdot t^{22})\cdot x^4+(-242\cdot t^2-726\cdot t^4-836\cdot t^6-608\cdot t^8+3818\cdot t^{10}-32462\cdot t^{12}-34656\cdot t^{14}-14944\cdot t^{16}-16824\cdot t^{18}-2500\cdot t^{20}-2500\cdot t^{22})\cdot x^3y+(4+625\cdot t^2+1855\cdot t^4+2130\cdot t^6+1468\cdot t^8-5601\cdot t^{10}+48395\cdot t^{12}+51648\cdot t^{14}+22316\cdot t^{16}+25236\cdot t^{18}+3750\cdot t^{20}+3750\cdot t^{22})\cdot x^2y^2+(-4-504\cdot t^2-1492\cdot t^4-1712\cdot t^6-1164\cdot t^8+3692\cdot t^{10}-32164\cdot t^{12}-34320\cdot t^{14}-14844\cdot t^{16}-16824\cdot t^{18}-2500\cdot t^{20}-2500\cdot t^{22})\cdot xy^3+(1+126\cdot t^2+373\cdot t^4+428\cdot t^6+291\cdot t^8-923\cdot t^{10}+8041\cdot t^{12}+8580\cdot t^{14}+3711\cdot t^{16}+4206\cdot t^{18}+625\cdot t^{20}+625\cdot t^{22})\cdot y^4+(-131769\cdot t^{12}-893101\cdot t^{14}-46663448\cdot t^{16}-92102449\cdot t^{18}-108230565\cdot t^{20}-133219429\cdot t^{22}-108621701\cdot t^{24}-73646483\cdot t^{26}-48399999\cdot t^{28}-18191945\cdot t^{30}-8359925\cdot t^{32}-2329250\cdot t^{34}-234000\cdot t^{36}-208125\cdot t^{38}+50625\cdot t^{40})\cdot x^3+(2178\cdot t^{10}+390225\cdot t^{12}-324137\cdot t^{14}+128046544\cdot t^{16}+255712067\cdot t^{18}+302136513\cdot t^{20}+380563115\cdot t^{22}+313733493\cdot t^{24}+215562839\cdot t^{26}+143385997\cdot t^{28}+54268735\cdot t^{30}+25154025\cdot t^{32}+6987750\cdot t^{34}+702000\cdot t^{36}+624375\cdot t^{38}-151875\cdot t^{40})\cdot x^2y+(-3267\cdot t^{10}-387684\cdot t^{12}+1825857\cdot t^{14}-122074644\cdot t^{16}-245414427\cdot t^{18}-290858922\cdot t^{20}-371015529\cdot t^{22}-307667688\cdot t^{24}-212874534\cdot t^{26}-142478997\cdot t^{28}-54115185\cdot t^{30}-25191150\cdot t^{32}-6987750\cdot t^{34}-702000\cdot t^{36}-624375\cdot t^{38}+151875\cdot t^{40})\cdot xy^2+(1089\cdot t^{10}+129228\cdot t^{12}-608619\cdot t^{14}+40691548\cdot t^{16}+81804809\cdot t^{18}+96952974\cdot t^{20}+123671843\cdot t^{22}+102555896\cdot t^{24}+70958178\cdot t^{26}+47492999\cdot t^{28}+18038395\cdot t^{30}+8397050\cdot t^{32}+2329250\cdot t^{34}+234000\cdot t^{36}+208125\cdot t^{38}-50625\cdot t^{40})\cdot y^3+(-13176900\cdot t^{22}-1686643200\cdot t^{24}+39970029825\cdot t^{26}+126029697750\cdot t^{28}+204947458650\cdot t^{30}+276676302375\cdot t^{32}+283830440850\cdot t^{34}+230547399525\cdot t^{36}+166317985800\cdot t^{38}+90572997600\cdot t^{40}+42076083825\cdot t^{42}+16328022750\cdot t^{44}+2697167250\cdot t^{46}+1015475625\cdot t^{48}-339952500\cdot t^{50}+2784375\cdot t^{52})\cdot x^2+(88578050\cdot t^{16}+11337990400\cdot t^{18}+55570647550\cdot t^{20}+130632126350\cdot t^{22}+212836949050\cdot t^{24}+184149772950\cdot t^{26}+16641087650\cdot t^{28}-184725950750\cdot t^{30}-393633748200\cdot t^{32}-473365291300\cdot t^{34}-415213892000\cdot t^{36}-314192032350\cdot t^{38}-175740108450\cdot t^{40}-83108542650\cdot t^{42}-32574219250\cdot t^{44}-5469203250\cdot t^{46}-2030951250\cdot t^{48}+679905000\cdot t^{50}-5568750\cdot t^{52})\cdot xy+(-44289025\cdot t^{16}-5668995200\cdot t^{18}-27785323775\cdot t^{20}-65316063175\cdot t^{22}-106418474525\cdot t^{24}-92074886475\cdot t^{26}-8320543825\cdot t^{28}+92362975375\cdot t^{30}+196816874100\cdot t^{32}+236682645650\cdot t^{34}+207606946000\cdot t^{36}+157096016175\cdot t^{38}+87870054225\cdot t^{40}+41554271325\cdot t^{42}+16287109625\cdot t^{44}+2734601625\cdot t^{46}+1015475625\cdot t^{48}-339952500\cdot t^{50}+2784375\cdot t^{52})\cdot y^2+(48230748225\cdot t^{26}+6221766521025\cdot t^{28}+36453676431150\cdot t^{30}+104201136435825\cdot t^{32}+201727695359025\cdot t^{34}+303928542138375\cdot t^{36}+374271512137875\cdot t^{38}+386116405436025\cdot t^{40}+341437022826075\cdot t^{42}+260543555165025\cdot t^{44}+171585839078775\cdot t^{46}+97893454430475\cdot t^{48}+47679913375875\cdot t^{50}+19432158607125\cdot t^{52}+6515640140625\cdot t^{54}+1600042516875\cdot t^{56}+237783150000\cdot t^{58}+1721981250\cdot t^{60}-18530015625\cdot t^{62})\cdot x+(-48230748225\cdot t^{26}-6221766521025\cdot t^{28}-36453676431150\cdot t^{30}-104201136435825\cdot t^{32}-201727695359025\cdot t^{34}-303928542138375\cdot t^{36}-374271512137875\cdot t^{38}-386116405436025\cdot t^{40}-341437022826075\cdot t^{42}-$$

$$260543555165025 \cdot t^{44} - 171585839078775 \cdot t^{46} - 97893454430475 \cdot t^{48} - 47679913375875 \cdot t^{50} - 19432158607125 \cdot t^{52} - 6515640140625 \cdot t^{54} - 1600042516875 \cdot t^{56} - 237783150000 \cdot t^{58} - 1721981250 \cdot t^{60} + 18530015625 \cdot t^{62}) \cdot y$$

The vertices of the tropical curve are:

$$(0,0),\ \ (-4,-6),\ \ (-6,-10),\ \ (-7,-9),\ \ (-7,-10),\ \ (-8,-8),\ \ (-10,-10)$$



The Newton subdivision of the tropical curve is: