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6.1) Rechencege (n für komplexe Ealilen

Addition: 2, + 22 = (x1, y1) + (x2, y2) = (x1+x2, y1+y2)

Authiplication: 21 - 22 = (x1, y1) + (x2, y2) = (x1 - x2 - y1 + y2)

Assoziatingesetz:

21 + (22 + 23) = (x1, y1) + ((x2, y2) + (x3, y3)) = (x1, y1) + (x1+x2, y1+y2) = (x1+x21x3, y1+y21y2)

(21 + 22) + (23 = ((x1, y1) + (x2, y2)) + (x3, y3) = (x1+x2, y1+y2) + (x3, y3) = (x1+x21x3, y1+x21y3)

21 + (22 + 23) = (x1, y2) + (x2, y2) + (x3, y3) = (x1, y1) + (x2, y3 - y3) + (x2, y3 - y3) + (x2, y3 - y3) + (x3, y3) = (x1+x21x3, y1+x21y3)

= (x1 + (x2 + x3) + (x1 + x2) + (x1
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